| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-29-1** | p-Br-Ph | H | H | H | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-2** | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-29-8** | p-Br-Ph | * | H | * | $^i$Pr | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-30-1** | p-I-Ph | H | H | H | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | F | OH | H | H |
| **XII-30-8** | p-I-Ph | * | H | * | $^i$Pr | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-31-1 | $CH_3$ | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-2 | $CH_3$ | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-5 | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-31-8 | $CH_3$ | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-32-1 | Et | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-2 | Et | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-3 | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-5 | Et | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-6 | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-32-8 | Et | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-33.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-33-1** | $^i$Pr | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-33-8** | $^i$Pr | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-34-1** | $^t$Bu | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-2** | $^t$Bu | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-5** | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-34-8** | $^t$Bu | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-35.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-35-1 | Ph | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-35-8 | Ph | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-36-1 | p-Me-Ph | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| XII-36-8 | p-Me-Ph | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-37.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-37-1** | **p-F-Ph** | **H** | **H** | **H** | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-2** | p-F-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-5** | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-37-8** | p-F-Ph | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-38-1** | p-Cl-Ph | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-2** | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-38-8** | p-Cl-Ph | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-39.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-39-1** | p-Br-Ph | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-2** | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-39-8** | p-Br-Ph | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-40-1** | p-I-Ph | H | H | H | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-2** | p-I-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-5** | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | F | OH | H | H |
| **XII-40-8** | p-I-Ph | * | H | * | $^n$Bu | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-41.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-41-1 | $CH_3$ | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-41-8 | $CH_3$ | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-42-1 | Et | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-2 | Et | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-3 | Et | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-5 | Et | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-6 | Et | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-7 | Et | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-42-8 | Et | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-43.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-43-1 | $^i$Pr | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-43-8 | $^i$Pr | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-44-1 | $^t$Bu | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-44-8 | $^t$Bu | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-45.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-45-1** | Ph | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-2** | Ph | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-3** | Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-5** | Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-6** | Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-45-8** | Ph | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-46-1** | p-Me-Ph | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-2** | p-Me-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-5** | p-Me-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-46-8** | p-Me-Ph | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-47.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-47-1** | p-F-Ph | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-2** | p-F-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-5** | p-F-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-47-8** | p-F-Ph | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XII-48-1** | p-Cl-Ph | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-2** | p-Cl-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| **XII-48-8** | p-Cl-Ph | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-49-1 | p-Br-Ph | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-49-8 | p-Br-Ph | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XII-50.

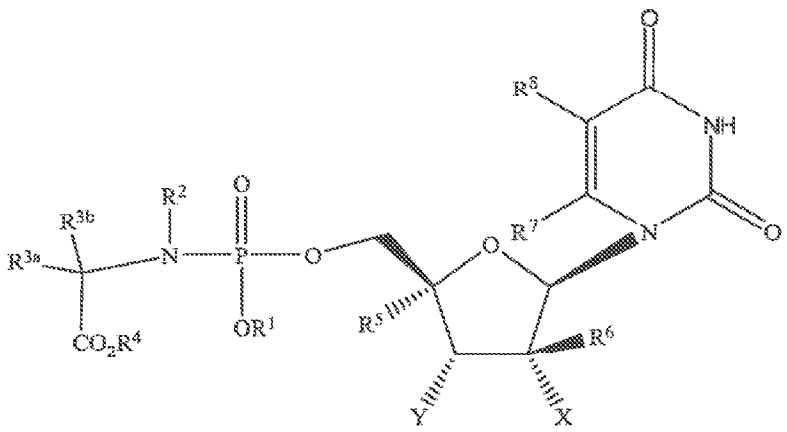
| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XII-50-1 | p-I-Ph | H | H | H | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | F | OH | H | H |
| XII-50-8 | p-I-Ph | * | H | * | Bz | $N_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

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**XIII**

Table XIII-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-1-1** | $CH_3$ | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-1-8** | $CH_3$ | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-2-1** | Et | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-2-2** | Et | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-2-8** | Et | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-3-1** | $^i$Pr | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-3-8** | $^i$Pr | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-4-1** | $^t$Bu | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-4-2** | **$^t$Bu** | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-4-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-4-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-4-5 | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-4-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-4-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-4-8 | $^t$Bu | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-5-1 | Ph | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-2 | Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-3 | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-5 | Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-6 | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-5-8 | Ph | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-6-1** | p-Me-Ph | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-2** | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-5** | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-6-8** | p-Me-Ph | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-7-1** | p-F-Ph | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-2** | p-F-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-6** | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-7** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-8** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-7-20** | p-F-Ph | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-8.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-8-1** | p-Cl-Ph | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-2** | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-8-8** | p-Cl-Ph | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-9-1** | p-Br-Ph | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-2** | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-6** | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-7** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-8** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| **XIII-9-20** | p-Br-Ph | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-10.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-10-1 | p-I-Ph | H | H | H | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | H | F | OH | H | H |
| XIII-10-8 | p-I-Ph | * | H | * | $CH_3$ | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-11.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-11-1 | $CH_3$ | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-2 | $CH_3$ | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-5 | $CH_3$ | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-11-8 | $CH_3$ | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-12-1 | Et | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-2 | Et | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-3 | Et | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-5 | Et | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-6 | Et | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-7 | Et | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-12-8 | Et | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-13-1 | $^i$Pr | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-2 | $^i$Pr | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-5 | $^i$Pr | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-13-8 | $^i$Pr | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-14-1 | $^t$Bu | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-2 | $^t$Bu | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-14-8 | $^t$Bu | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-15-1 | Ph | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-2 | Ph | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-5 | Ph | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-15-8 | Ph | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-16.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-16-1 | p-Me-Ph | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-16-8 | p-Me-Ph | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-17-1 | p-F-Ph | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-2 | p-F-Ph | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| XIII-17-8 | p-F-Ph | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-18.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-18-1** | p-Cl-Ph | H | H | **H** | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-2** | p-Cl-Ph | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-18-8** | p-Cl-Ph | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-19-1** | p-Br-Ph | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-2** | p-Br-Ph | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-5** | p-Br-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-19-8** | p-Br-Ph | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-20-1** | p-I-Ph | H | H | H | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-2** | p-I-Ph | H | H | $CH_3$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-5** | p-I-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | H | F | OH | H | H |
| **XIII-20-8** | p-I-Ph | * | H | * | Et | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-21-1** | $CH_3$ | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-21-8** | $CH_3$ | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-22-1 | Et | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-2 | Et | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-3 | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-5 | Et | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-6 | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-22-8 | Et | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-23-1 | $^i$Pr | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-2 | $^i$Pr | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-5 | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-23-8 | $^i$Pr | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-24-1** | $^t$Bu | H | H | H | **$^i$Pr** | $N_3$ | H | F | OH | H | **H** |
| **XIII-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-24-8** | $^t$Bu | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-25-1** | Ph | H | H | H | **$^i$Pr** | $N_3$ | H | F | OH | H | H |
| **XIII-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-25-8** | Ph | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-26.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-26-1 | p-Me-Ph | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-2 | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-26-8 | p-Me-Ph | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-27.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-27-1 | p-F-Ph | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| XIII-27-8 | p-F-Ph | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-28.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-28-1** | p-Cl-Ph | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-2** | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-28-8** | p-Cl-Ph | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-29-1** | p-Br-Ph | H | H | H | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-2** | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-29-8** | p-Br-Ph | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-30.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-30-1** | **p-I-Ph** | H | H | H | **$^i$Pr** | $N_3$ | H | F | OH | H | H |
| **XIII-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | H | F | OH | H | H |
| **XIII-30-8** | p-I-Ph | * | H | * | $^i$Pr | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-31-1** | $CH_3$ | H | H | H | **$^n$Bu** | $N_3$ | H | F | OH | H | H |
| **XIII-31-2** | $CH_3$ | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-31-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-31-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-31-5** | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-31-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-31-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-31-8** | $CH_3$ | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-32.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-32-1 | Et | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-2 | Et | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-3 | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-5 | Et | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-6 | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-32-8 | Et | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-33-1 | $^i$Pr | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-2 | $^i$Pr | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-5 | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-33-8 | $^i$Pr | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-34.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-34-1 | $^t$Bu | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-2 | $^t$Bu | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-5 | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-34-8 | $^t$Bu | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-35-1 | Ph | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-35-8 | Ph | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-36-1 | p-Me-Ph | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-36-8 | p-Me-Ph | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-37-1 | p-F-Ph | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-37-8 | p-F-Ph | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-38.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-38-1** | p-Cl-Ph | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-2** | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-38-8** | p-Cl-Ph | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-39-1** | p-Br-Ph | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-2** | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| **XIII-39-8** | p-Br-Ph | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-40.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-40-1 | p-I-Ph | H | H | H | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | H | F | OH | H | H |
| XIII-40-8 | p-I-Ph | * | H | * | $^n$Bu | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-41.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-41-1 | $CH_3$ | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-41-8 | $CH_3$ | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-42-1** | Et | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-2** | Et | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-3** | Et | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-5** | Et | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-6** | Et | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-7** | Et | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-42-8** | Et | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-43-1** | $^i$Pr | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-2** | $^i$Pr | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-5** | $^i$Pr | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-43-8** | $^i$Pr | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-44-1** | $^t$Bu | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-2** | $^t$Bu | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-5** | $^t$Bu | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-44-8** | $^t$Bu | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-45.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-45-1** | Ph | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-2** | Ph | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-3** | Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-5** | Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-6** | Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-45-8** | Ph | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-46.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-46-1** | p-Me-Ph | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-2** | p-Me-Ph | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-5** | p-Me-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-46-8** | p-Me-Ph | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-47-1** | p-F-Ph | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-2** | p-F-Ph | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-5** | p-F-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-47-8** | p-F-Ph | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-48.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-48-1 | p-Cl-Ph | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-48-8 | p-Cl-Ph | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIII-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIII-49-1 | p-Br-Ph | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| XIII-49-8 | p-Br-Ph | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

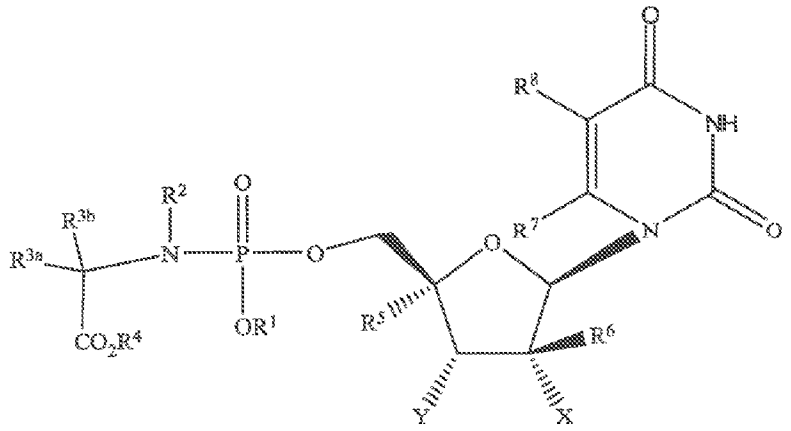
Table XIII-50.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIII-50-1** | p-I-Ph | H | H | H | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-2** | p-I-Ph | H | H | $CH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-5** | p-I-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | H | F | OH | H | H |
| **XIII-50-8** | p-I-Ph | * | H | * | Bz | $N_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.



**XIV**

Table XIV-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-1-1** | $CH_3$ | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-1-8** | $CH_3$ | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-2-1** | Et | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-2** | Et | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| **XIV-2-8** | Et | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-3-1** | $^i$Pr | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-3-2 | $^i$Pr | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-3-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-3-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-3-5 | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-3-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-3-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-3-8 | $^i$Pr | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-4-1 | $^t$Bu | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-2 | $^t$Bu | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-5 | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-4-8 | $^t$Bu | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-5-1 | Ph | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-2 | Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-3 | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-5 | Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-6 | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-5-8 | Ph | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-6-1 | p-Me-Ph | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-2 | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-6-8 | p-Me-Ph | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-7.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-7-1 | p-F-Ph | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-7-20 | p-F-Ph | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-8-1 | p-Cl-Ph | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-2 | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-8-8 | p-Cl-Ph | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-9.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-9-1 | p-Br-Ph | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-2 | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-6 | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-7 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-8 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-9-20 | p-Br-Ph | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-10.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-10-1 | p-I-Ph | H | H | H | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $N_3$ | F | H | OH | H | H |
| XIV-10-8 | p-I-Ph | * | H | * | $CH_3$ | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-11.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-11-1 | $CH_3$ | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-2 | $CH_3$ | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-5 | $CH_3$ | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-11-8 | $CH_3$ | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-12-1 | Et | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-2 | Et | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-3 | Et | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-5 | Et | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-6 | Et | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-7 | Et | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-12-8 | Et | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-13-1 | $^iPr$ | H | H | H | Et | $N_3$ | F | H | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-13-2 | $^i$Pr | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-13-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-13-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-13-5 | $^i$Pr | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-13-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-13-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-13-8 | $^i$Pr | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-14-1 | $^t$Bu | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-2 | $^t$Bu | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-14-8 | $^t$Bu | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-15-1 | Ph | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-2 | Ph | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-5 | Ph | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-15-8 | Ph | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-16.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-16-1 | p-Me-Ph | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-16-8 | p-Me-Ph | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-17.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-17-1 | p-F-Ph | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-2 | p-F-Ph | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-17-8 | p-F-Ph | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-18.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-18-1 | p-Cl-Ph | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-2 | p-Cl-Ph | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-18-8 | p-Cl-Ph | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-19.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-19-1 | p-Br-Ph | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-2 | p-Br-Ph | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-5 | p-Br-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-19-8 | p-Br-Ph | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-20-1 | p-I-Ph | H | H | H | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-2 | p-I-Ph | H | H | $CH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-5 | p-I-Ph | H | H | $CH_2Ph$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $N_3$ | F | H | OH | H | H |
| XIV-20-8 | p-I-Ph | * | H | * | Et | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-21.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-21-1 | $CH_3$ | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-2 | $CH_3$ | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-5 | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-21-8 | $CH_3$ | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-22-1 | Et | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-2 | Et | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-3 | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-5 | Et | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-6 | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-22-8 | Et | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-23-1 | $^i$Pr | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-23-2** | $^i$Pr | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-23-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-23-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-23-5** | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-23-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-23-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-23-8** | $^i$Pr | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-24-1** | $^t$Bu | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| **XIV-24-8** | $^t$Bu | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-25-1 | Ph | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-2 | Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-3 | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-5 | Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-6 | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-25-8 | Ph | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-26.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-26-1 | p-Me-Ph | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-2 | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-26-8 | p-Me-Ph | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-27.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-27-1 | p-F-Ph | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-27-8 | p-F-Ph | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-28.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-28-1 | p-Cl-Ph | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-2 | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-28-8 | p-Cl-Ph | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-29.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-29-1 | p-Br-Ph | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-2 | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-29-8 | p-Br-Ph | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-30-1 | p-I-Ph | H | H | H | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-2 | p-I-Ph | H | H | $CH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-5 | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $N_3$ | F | H | OH | H | H |
| XIV-30-8 | p-I-Ph | * | H | * | $^i$Pr | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-31.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-31-1 | $CH_3$ | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-2 | $CH_3$ | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-5 | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-31-8 | $CH_3$ | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-32-1 | Et | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-2 | Et | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-3 | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-5 | Et | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-6 | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-32-8 | Et | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-33-1 | $^i$Pr | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-2 | $^i$Pr | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-5 | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-33-8 | $^i$Pr | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-34-1 | $^t$Bu | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-2 | $^t$Bu | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-5 | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-34-8 | $^t$Bu | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-35.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-35-1 | Ph | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-35-8 | Ph | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-36-1 | p-Me-Ph | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-36-8 | p-Me-Ph | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-37.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-37-1 | p-F-Ph | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-37-8 | p-F-Ph | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-39.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-39-1 | p-Br-Ph | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-39-8 | p-Br-Ph | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-40-1 | p-I-Ph | H | H | H | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $N_3$ | F | H | OH | H | H |
| XIV-40-8 | p-I-Ph | * | H | * | $^n$Bu | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-41.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-41-1 | $CH_3$ | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-41-8 | $CH_3$ | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-42-1 | Et | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-2 | Et | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-3 | Et | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-5 | Et | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-6 | Et | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-7 | Et | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-42-8 | Et | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-43-1** | $^i$Pr | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-2** | $^i$Pr | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-5** | $^i$Pr | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-43-8** | $^i$Pr | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIV-44-1** | $^t$Bu | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-2** | $^t$Bu | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-5** | $^t$Bu | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| **XIV-44-8** | $^t$Bu | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-45.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-45-1 | Ph | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-2 | Ph | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-5 | Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-45-8 | Ph | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-46-1 | p-Me-Ph | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-46-8 | p-Me-Ph | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-47-1 | p-F-Ph | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-2 | p-F-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-5 | p-F-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-47-8 | p-F-Ph | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-48-1 | p-Cl-Ph | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-48-8 | p-Cl-Ph | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-49.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-49-1 | p-Br-Ph | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-49-8 | p-Br-Ph | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

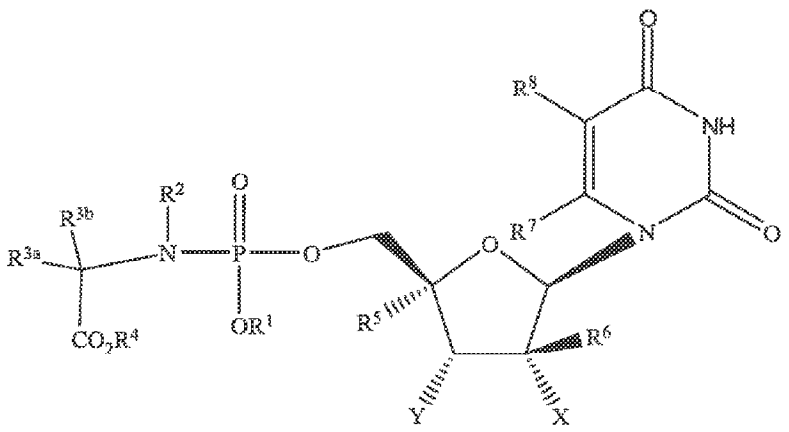
*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIV-50.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIV-50-1 | p-I-Ph | H | H | H | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $N_3$ | F | H | OH | H | H |
| XIV-50-8 | p-I-Ph | * | H | * | Bz | $N_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

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XV

Table XV-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XV-1-1** | $CH_3$ | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| **XV-1-8** | $CH_3$ | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XV-2-1** | Et | H | H | H | $CH_3$ | F | F | H | OH | H | H |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-2-2 | Et | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-2-3 | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-2-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-2-5 | Et | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-2-6 | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-2-7 | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-2-8 | Et | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-3-1 | $^i$Pr | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-3-2 | $^i$Pr | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-3-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-3-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-3-5 | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-3-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-3-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-3-8 | $^i$Pr | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-4-1 | $^t$Bu | H | H | H | $CH_3$ | F | F | H | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-4-2 | $^t$Bu | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-4-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-4-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-4-5 | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-4-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-4-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-4-8 | $^t$Bu | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-5-1 | Ph | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-5-2 | Ph | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-5-3 | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-5-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-5-5 | Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-5-6 | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-5-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-5-8 | Ph | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-6-1 | p-Me-Ph | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-6-2 | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-6-8 | p-Me-Ph | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-7-1 | p-F-Ph | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-7-20 | p-F-Ph | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-8.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-8-1 | p-Cl-Ph | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-8-2 | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-8-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-8-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-8-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-8-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-8-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-8-8 | p-Cl-Ph | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-9-1 | p-Br-Ph | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-9-2 | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-9-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-9-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-9-6 | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-9-7 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-9-8 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-9-20 | p-Br-Ph | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-10.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-10-1 | p-I-Ph | H | H | H | $CH_3$ | F | F | H | OH | H | H |
| XV-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | H | OH | H | H |
| XV-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | H | OH | H | H |
| XV-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | H | OH | H | H |
| XV-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | H | OH | H | H |
| XV-10-8 | p-I-Ph | * | H | * | $CH_3$ | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-11.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-11-1 | $CH_3$ | H | H | H | Et | F | F | H | OH | H | H |
| XV-11-2 | $CH_3$ | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-11-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-11-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-11-5 | $CH_3$ | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-11-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-11-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-11-8 | $CH_3$ | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-12-1 | Et | H | H | H | Et | F | F | H | OH | H | H |
| XV-12-2 | Et | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-12-3 | Et | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-12-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-12-5 | Et | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-12-6 | Et | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-12-7 | Et | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-12-8 | Et | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-13-1 | $^i$Pr | H | H | H | Et | F | F | H | OH | H | H |
| XV-13-2 | $^i$Pr | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-13-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-13-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-13-5 | $^i$Pr | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-13-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-13-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-13-8 | $^i$Pr | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-14-1 | $^t$Bu | H | H | H | Et | F | F | H | OH | H | H |
| XV-14-2 | $^t$Bu | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-14-8 | $^t$Bu | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-15-1 | Ph | H | H | H | Et | F | F | H | OH | H | H |
| XV-15-2 | Ph | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-15-5 | Ph | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-15-8 | Ph | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-16.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-16-1 | p-Me-Ph | H | H | H | Et | F | F | H | OH | H | H |
| XV-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-16-8 | p-Me-Ph | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-17-1 | p-F-Ph | H | H | H | Et | F | F | H | OH | H | H |
| XV-17-2 | p-F-Ph | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-17-8 | p-F-Ph | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-18.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-18-1 | p-Cl-Ph | H | H | H | Et | F | F | H | OH | H | H |
| XV-18-2 | p-Cl-Ph | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-18-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-18-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-18-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-18-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-18-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-18-8 | p-Cl-Ph | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-19-1 | p-Br-Ph | H | H | H | Et | F | F | H | OH | H | H |
| XV-19-2 | p-Br-Ph | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-19-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-19-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-19-5 | p-Br-Ph | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-19-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-19-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-19-8 | p-Br-Ph | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-20.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-20-1 | p-I-Ph | H | H | H | Et | F | F | H | OH | H | H |
| XV-20-2 | p-I-Ph | H | H | $CH_3$ | Et | F | F | H | OH | H | H |
| XV-20-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-20-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | H | OH | H | H |
| XV-20-5 | p-I-Ph | H | H | $CH_2Ph$ | Et | F | F | H | OH | H | H |
| XV-20-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | H | OH | H | H |
| XV-20-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | H | OH | H | H |
| XV-20-8 | p-I-Ph | * | H | * | Et | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-21-1 | $CH_3$ | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-21-2 | $CH_3$ | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-21-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-21-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-21-5 | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-21-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-21-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-21-8 | $CH_3$ | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-22-1 | Et | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-22-2 | Et | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-22-3 | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-22-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-22-5 | Et | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-22-6 | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-22-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-22-8 | Et | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-23-1 | $^i$Pr | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-23-2 | $^i$Pr | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-23-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-23-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-23-5 | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-23-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-23-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-23-8 | $^i$Pr | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-24-1 | $^t$Bu | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-24-2 | $^t$Bu | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-24-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-24-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-24-5 | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-24-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-24-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-24-8 | $^t$Bu | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-25-1 | Ph | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-25-2 | Ph | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-25-3 | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-25-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-25-5 | Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-25-6 | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-25-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-25-8 | Ph | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-26.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-26-1 | p-Me-Ph | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-26-2 | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-26-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-26-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-26-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-26-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-26-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-26-8 | p-Me-Ph | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-27.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-27-1 | p-F-Ph | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-27-8 | p-F-Ph | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-28.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-28-1 | p-Cl-Ph | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-28-2 | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-28-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-28-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-28-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-28-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-28-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-28-8 | p-Cl-Ph | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-29-1 | p-Br-Ph | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-29-2 | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-29-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-29-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-29-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-29-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-29-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-29-8 | p-Br-Ph | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-30-1 | p-I-Ph | H | H | H | $^i$Pr | F | F | H | OH | H | H |
| XV-30-2 | p-I-Ph | H | H | $CH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-30-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-30-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | H | OH | H | H |
| XV-30-5 | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | H | OH | H | H |
| XV-30-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | H | OH | H | H |
| XV-30-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | H | OH | H | H |
| XV-30-8 | p-I-Ph | * | H | * | $^i$Pr | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-31-1 | $CH_3$ | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-31-2 | $CH_3$ | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-31-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-31-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-31-5 | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-31-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-31-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-31-8 | $CH_3$ | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-32.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-32-1 | Et | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-32-2 | Et | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-32-3 | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-32-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-32-5 | Et | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-32-6 | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-32-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-32-8 | Et | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-33-1 | $^i$Pr | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-33-2 | $^i$Pr | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-33-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-33-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-33-5 | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-33-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-33-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-33-8 | $^i$Pr | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-34.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-34-1 | $^t$Bu | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-34-2 | $^t$Bu | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-34-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-34-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-34-5 | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-34-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-34-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-34-8 | $^t$Bu | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-35-1 | Ph | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-35-8 | Ph | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-36.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-36-1 | p-Me-Ph | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-36-8 | p-Me-Ph | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-37-1 | p-F-Ph | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-37-8 | p-F-Ph | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-38.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-39-1 | p-Br-Ph | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-39-8 | p-Br-Ph | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-40.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-40-1 | p-I-Ph | H | H | H | $^n$Bu | F | F | H | OH | H | H |
| XV-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | H | OH | H | H |
| XV-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | H | OH | H | H |
| XV-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | H | OH | H | H |
| XV-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | H | OH | H | H |
| XV-40-8 | p-I-Ph | * | H | * | $^n$Bu | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-41.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-41-1 | $CH_3$ | H | H | H | Bz | F | F | H | OH | H | H |
| XV-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-41-8 | $CH_3$ | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-42-1 | Et | H | H | H | Bz | F | F | H | OH | H | H |
| XV-42-2 | Et | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-42-3 | Et | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-42-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-42-5 | Et | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-42-6 | Et | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-42-7 | Et | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-42-8 | Et | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-43-1 | $^i$Pr | H | H | H | Bz | F | F | H | OH | H | H |
| XV-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-43-8 | $^i$Pr | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-44.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-44-1 | $^t$Bu | H | H | H | Bz | F | F | H | OH | H | H |
| XV-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-44-8 | $^t$Bu | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-45.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-45-1 | Ph | H | H | H | Bz | F | F | H | OH | H | H |
| XV-45-2 | Ph | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-45-5 | Ph | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-45-8 | Ph | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-46.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-46-1 | p-Me-Ph | H | H | H | Bz | F | F | H | OH | H | H |
| XV-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-46-8 | p-Me-Ph | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-47-1 | p-F-Ph | H | H | H | Bz | F | F | H | OH | H | H |
| XV-47-2 | p-F-Ph | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-47-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-47-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-47-5 | p-F-Ph | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-47-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-47-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-47-8 | p-F-Ph | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-48-1 | p-Cl-Ph | H | H | H | Bz | F | F | H | OH | H | H |
| XV-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-48-8 | p-Cl-Ph | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XV-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-49-1 | p-Br-Ph | H | H | H | Bz | F | F | H | OH | H | H |
| XV-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-49-8 | p-Br-Ph | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

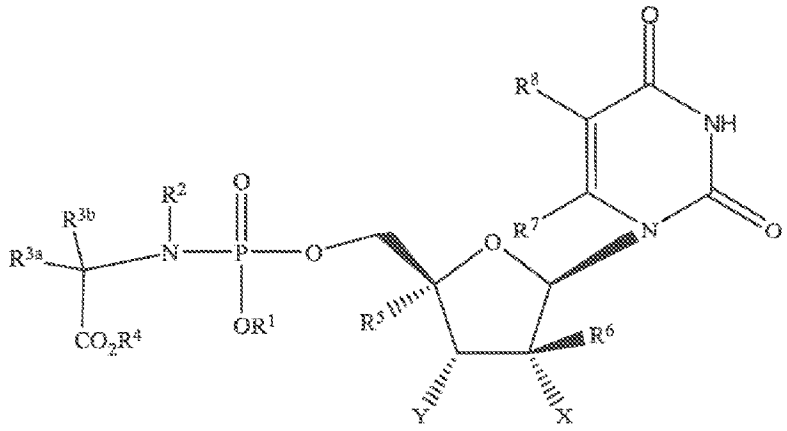
Table XV-50.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XV-50-1 | p-I-Ph | H | H | H | Bz | F | F | H | OH | H | H |
| XV-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | F | F | H | OH | H | H |
| XV-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | H | OH | H | H |
| XV-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | F | F | H | OH | H | H |
| XV-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | H | OH | H | H |
| XV-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | H | OH | H | H |
| XV-50-8 | p-I-Ph | * | H | * | Bz | F | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.



XVI

Table XVI-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-1-1 | $CH_3$ | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-2 | $CH_3$ | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-5 | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-1-8 | $CH_3$ | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-2-1 | Et | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-2 | Et | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-3 | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-5 | Et | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-6 | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-7 | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-2-8 | Et | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-3-1 | $^iPr$ | H | H | H | $CH_3$ | F | F | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| **XVI-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-3-8** | $^i$Pr | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-4-1** | $^t$Bu | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-2** | $^t$Bu | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-5** | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| **XVI-4-8** | $^t$Bu | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-5-1 | Ph | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-2 | Ph | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-3 | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-5 | Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-6 | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-5-8 | Ph | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-6-1 | p-Me-Ph | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-2 | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-6-8 | p-Me-Ph | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-7.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-7-1 | p-F-Ph | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-7-20 | p-F-Ph | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-8-1 | p-Cl-Ph | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-2 | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-8-8 | p-Cl-Ph | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-9-1 | p-Br-Ph | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-2 | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-6 | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-7 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-8 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-9-20 | p-Br-Ph | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-10.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-10-1 | p-I-Ph | H | H | H | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | F | F | OH | H | H |
| XVI-10-8 | p-I-Ph | * | H | * | $CH_3$ | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-11.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-11-1 | $CH_3$ | H | H | H | Et | F | F | F | OH | H | H |
| XVI-11-2 | $CH_3$ | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| XVI-11-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-11-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-11-5 | $CH_3$ | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| XVI-11-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| XVI-11-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| XVI-11-8 | $CH_3$ | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-12-1 | Et | H | H | H | Et | F | F | F | OH | H | H |
| XVI-12-2 | Et | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| XVI-12-3 | Et | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-12-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-12-5 | Et | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| XVI-12-6 | Et | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| XVI-12-7 | Et | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| XVI-12-8 | Et | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-13-1 | $^i$Pr | H | H | H | Et | F | F | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-13-2** | $^i$Pr | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| **XVI-13-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-13-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-13-5** | $^i$Pr | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| **XVI-13-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| **XVI-13-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| **XVI-13-8** | $^i$Pr | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-14-1** | $^t$Bu | H | H | H | Et | F | F | F | **OH** | **H** | H |
| **XVI-14-2** | $^t$Bu | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| **XVI-14-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-14-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-14-5** | $^t$Bu | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| **XVI-14-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| **XVI-14-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| **XVI-14-8** | $^t$Bu | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-15-1** | Ph | H | H | H | Et | F | F | F | OH | H | H |
| **XVI-15-2** | Ph | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| **XVI-15-3** | Ph | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-15-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-15-5** | Ph | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| **XVI-15-6** | Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| **XVI-15-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| **XVI-15-8** | Ph | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-16.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-16-1** | p-Me-Ph | H | H | H | Et | F | F | F | OH | H | H |
| **XVI-16-2** | p-Me-Ph | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| **XVI-16-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-16-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| **XVI-16-5** | p-Me-Ph | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| **XVI-16-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| **XVI-16-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| **XVI-16-8** | p-Me-Ph | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-17.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-17-1 | p-F-Ph | H | H | H | Et | F | F | F | OH | H | H |
| XVI-17-2 | p-F-Ph | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| XVI-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| XVI-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| XVI-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| XVI-17-8 | p-F-Ph | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-18.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-18-1 | p-Cl-Ph | H | H | H | Et | F | F | F | OH | H | H |
| XVI-18-2 | p-Cl-Ph | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| XVI-18-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-18-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-18-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| XVI-18-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| XVI-18-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| XVI-18-8 | p-Cl-Ph | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-19.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-19-1 | p-Br-Ph | H | H | H | Et | F | F | F | OH | H | H |
| XVI-19-2 | p-Br-Ph | H | H | $CH_3$ | Et | F | F | F | OH | H | H |
| XVI-19-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-19-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H | H |
| XVI-19-5 | p-Br-Ph | H | H | $CH_2Ph$ | Et | F | F | F | OH | H | H |
| XVI-19-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H | H |
| XVI-19-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H | H |
| XVI-19-8 | p-Br-Ph | * | H | * | Et | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ |
|---|---|---|---|---|---|---|---|---|---|---|
| XVI-20-1 | p-I-Ph | H | H | H | Et | F | F | F | OH | H |
| XVI-20-2 | p-I-Ph | H | H | $CH_3$ | Et | F | F | F | OH | H |
| XVI-20-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | F | F | F | OH | H |
| XVI-20-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | F | F | OH | H |
| XVI-20-5 | p-I-Ph | H | H | $CH_2Ph$ | Et | F | F | F | OH | H |
| XVI-20-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | F | F | F | OH | H |
| XVI-20-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | F | F | OH | H |
| XVI-20-8 | p-I-Ph | * | H | * | Et | F | F | F | OH | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-21.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-21-1** | $CH_3$ | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-21-8** | $CH_3$ | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-22-1** | Et | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-2** | Et | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-3** | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-5** | Et | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-6** | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-22-8** | Et | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-23-1** | $^i$Pr | H | H | H | $^i$Pr | F | F | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-23-2 | $^i$Pr | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-23-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-23-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-23-5 | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-23-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| XVI-23-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-23-8 | $^i$Pr | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-24-1 | $^t$Bu | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-2 | $^t$Bu | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-5 | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-24-8 | $^t$Bu | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-25-1** | Ph | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-25-8** | Ph | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-26.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-26-1** | p-Me-Ph | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-2** | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| **XVI-26-8** | p-Me-Ph | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-27.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-27-1 | p-F-Ph | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-27-8 | p-F-Ph | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-28.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-28-1 | p-Cl-Ph | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-2 | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-28-8 | p-Cl-Ph | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-29-1 | p-Br-Ph | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-2 | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-29-8 | p-Br-Ph | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-30-1 | p-I-Ph | H | H | H | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-2 | p-I-Ph | H | H | $CH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-5 | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | F | F | OH | H | H |
| XVI-30-8 | p-I-Ph | * | H | * | $^i$Pr | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-31.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-31-1** | $CH_3$ | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-2** | $CH_3$ | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-5** | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-31-8** | $CH_3$ | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-32-1** | Et | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-2** | Et | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-3** | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-5** | Et | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-6** | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-32-8** | Et | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-33-1** | $^i$Pr | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-33-8** | $^i$Pr | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVI-34-1** | $^t$Bu | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-2** | $^t$Bu | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-5** | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| **XVI-34-8** | $^t$Bu | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-35-1 | Ph | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-35-8 | Ph | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-36-1 | p-Me-Ph | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-36-8 | p-Me-Ph | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-37.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-37-1 | p-F-Ph | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-37-8 | p-F-Ph | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-39.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-39-1 | p-Br-Ph | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-39-8 | p-Br-Ph | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-40-1 | p-I-Ph | H | H | H | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | F | F | OH | H | H |
| XVI-40-8 | p-I-Ph | * | H | * | $^n$Bu | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-41.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-41-1 | $CH_3$ | H | H | H | Bz | F | F | F | OH | H | H |
| XVI-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVI-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVI-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVI-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVI-41-8 | $CH_3$ | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-42-1 | Et | H | H | H | Bz | F | F | F | OH | H | H |
| XVI-42-2 | Et | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVI-42-3 | Et | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-42-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-42-5 | Et | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVI-42-6 | Et | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVI-42-7 | Et | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVI-42-8 | Et | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-43-1 | $^i$Pr | H | H | H | Bz | F | F | F | OH | H | H |
| XVI-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVI-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVI-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVI-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVI-43-8 | $^i$Pr | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVI-44-1 | $^t$Bu | H | H | H | Bz | F | F | F | OH | H | H |
| XVI-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVI-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVI-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVI-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVI-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVI-44-8 | $^t$Bu | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-45.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-45-1 | Ph | H | H | H | Bz | F | F | F | OH | H | H |
| XVII-45-2 | Ph | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVII-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-45-5 | Ph | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVII-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVII-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVII-45-8 | Ph | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-46-1 | p-Me-Ph | H | H | H | Bz | F | F | F | OH | H | H |
| XVII-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVII-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVII-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVII-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVII-46-8 | p-Me-Ph | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-47.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-47-1 | p-F-Ph | H | H | H | Bz | F | F | F | OH | H | H |
| XVII-47-2 | p-F-Ph | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVII-47-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-47-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-47-5 | p-F-Ph | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVII-47-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVII-47-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVII-47-8 | p-F-Ph | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-48-1 | p-Cl-Ph | H | H | H | Bz | F | F | F | OH | H | H |
| XVII-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVII-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVII-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVII-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVII-48-8 | p-Cl-Ph | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-49-1 | p-Br-Ph | H | H | H | Bz | F | F | F | OH | H | H |
| XVII-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVII-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVII-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVII-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVII-49-8 | p-Br-Ph | * | H | * | Bz | F | F | F | OH | H | H |

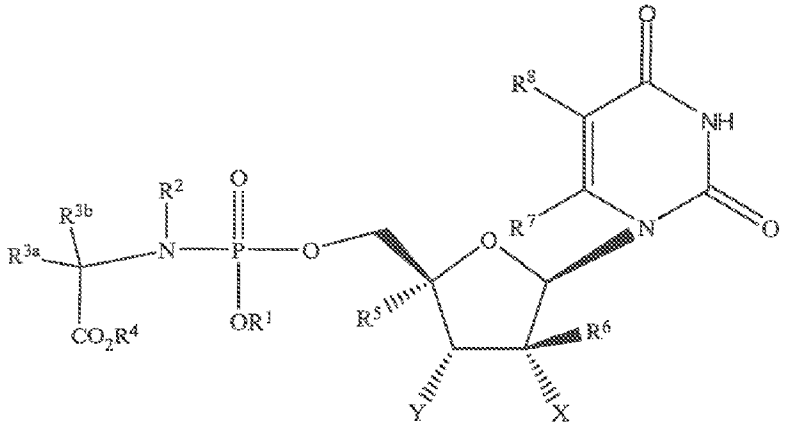
*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVI-50.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-50-1 | p-I-Ph | H | H | H | Bz | F | F | F | OH | H | H |
| XVII-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | F | F | F | OH | H | H |
| XVII-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | F | F | OH | H | H |
| XVII-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | F | F | F | OH | H | H |
| XVII-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | F | F | OH | H | H |
| XVII-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | F | F | OH | H | H |
| XVII-50-8 | p-I-Ph | * | H | * | Bz | F | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

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**XVII**

Table XVII-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-1-1** | $CH_3$ | H | H | H | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-1-8** | $CH_3$ | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-2-1** | Et | H | H | H | $CH_3$ | F | H | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-2-2** | Et | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-2-8** | Et | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-3-1** | $^i$Pr | H | H | H | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-3-8** | $^i$Pr | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-4-1** | $^t$Bu | H | H | H | $CH_3$ | F | H | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-4-2** | $^t$Bu | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-4-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-4-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-4-5** | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-4-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-4-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-4-8** | $^t$Bu | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-5-1** | Ph | H | H | H | **$CH_3$** | F | H | F | OH | H | H |
| **XVII-5-2** | Ph | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-5-3** | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-5-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-5-5** | Ph | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-5-6** | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-5-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-5-8** | Ph | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-6-1 | p-Me-Ph | H | H | H | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-2 | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-6-8 | p-Me-Ph | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-7-1 | p-F-Ph | H | H | H | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| XVII-7-28 | p-F-Ph | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-8.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-8-1** | p-Cl-Ph | H | H | H | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-2** | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-8-8** | p-Cl-Ph | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-9-1** | p-Br-Ph | H | H | **H** | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-2** | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-6** | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-7** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-8** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-9-20** | p-Br-Ph | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-10.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-10-1** | p-I-Ph | H | H | H | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-2** | p-I-Ph | H | H | $CH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-5** | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | F | H | F | OH | H | H |
| **XVII-10-8** | p-I-Ph | * | H | * | $CH_3$ | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-11.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-11-1** | $CH_3$ | H | H | H | Et | F | H | F | OH | H | H |
| **XVII-11-2** | $CH_3$ | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| **XVII-11-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| **XVII-11-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| **XVII-11-5** | $CH_3$ | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| **XVII-11-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| **XVII-11-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| **XVII-11-8** | $CH_3$ | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-12-1 | Et | H | H | H | Et | F | H | F | OH | H | H |
| XVII-12-2 | Et | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-12-3 | Et | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-12-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-12-5 | Et | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-12-6 | Et | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-12-7 | Et | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-12-8 | Et | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-13-1 | $^i$Pr | H | H | H | Et | F | H | F | OH | H | H |
| XVII-13-2 | $^i$Pr | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-13-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-13-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-13-5 | $^i$Pr | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-13-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-13-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-13-8 | $^i$Pr | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-14-1 | $^t$Bu | H | H | H | Et | F | H | F | OH | H | H |
| XVII-14-2 | $^t$Bu | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-14-8 | $^t$Bu | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-15-1 | Ph | H | H | H | Et | F | H | F | OH | H | H |
| XVII-15-2 | Ph | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-15-5 | Ph | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-15-8 | Ph | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-16.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-16-1 | p-Me-Ph | H | H | H | Et | F | H | F | OH | H | H |
| XVII-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-16-8 | p-Me-Ph | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-17-1 | p-F-Ph | H | H | H | Et | F | H | F | OH | H | H |
| XVII-17-2 | p-F-Ph | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-17-8 | p-F-Ph | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-18.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-18-1 | p-Cl-Ph | H | H | H | Et | F | H | F | OH | H | H |
| XVII-18-2 | p-Cl-Ph | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-18-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-18-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-18-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-18-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-18-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-18-8 | p-Cl-Ph | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-19-1 | p-Br-Ph | H | H | H | Et | F | H | F | OH | H | H |
| XVII-19-2 | p-Br-Ph | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| XVII-19-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-19-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| XVII-19-5 | p-Br-Ph | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| XVII-19-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| XVII-19-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| XVII-19-8 | p-Br-Ph | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-20-1** | p-I-Ph | H | **H** | **H** | Et | F | H | F | OH | H | H |
| **XVII-20-2** | p-I-Ph | H | H | $CH_3$ | Et | F | H | F | OH | H | H |
| **XVII-20-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| **XVII-20-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | F | H | F | OH | H | H |
| **XVII-20-5** | p-I-Ph | H | H | $CH_2Ph$ | Et | F | H | F | OH | H | H |
| **XVII-20-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | F | H | F | OH | H | H |
| **XVII-20-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | F | H | F | OH | H | H |
| **XVII-20-8** | p-I-Ph | * | H | * | Et | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-21-1** | $CH_3$ | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-21-8** | $CH_3$ | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-22-1** | Et | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-2** | Et | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-3** | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-5** | Et | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-6** | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-22-8** | Et | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-23-1** | $^i$Pr | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-2** | $^i$Pr | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-5** | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-23-8** | $^i$Pr | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-24-1** | $^t$Bu | H | H | H | **$^i$Pr** | F | H | F | OH | H | H |
| **XVII-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-24-8** | $^t$Bu | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-25-1** | Ph | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-25-8** | Ph | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-26.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-26-1 | p-Me-Ph | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-2 | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-26-8 | p-Me-Ph | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-27.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-27-1 | p-F-Ph | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| XVII-27-8 | p-F-Ph | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-28.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-28-1** | p-Cl-Ph | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-2** | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-28-8** | p-Cl-Ph | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-29-1** | p-Br-Ph | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-2** | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-29-8** | p-Br-Ph | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-30-1** | p-I-Ph | H | H | H | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | F | H | F | OH | H | H |
| **XVII-30-8** | p-I-Ph | * | H | * | $^i$Pr | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-31-1** | $CH_3$ | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-2** | $CH_3$ | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-5** | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-31-8** | $CH_3$ | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-32.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-32-1** | Et | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-2** | Et | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-3** | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-5** | Et | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-6** | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-32-8** | Et | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-33-1** | $^i$Pr | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-33-8** | $^i$Pr | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-34-1** | $^t$Bu | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-2** | $^t$Bu | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-5** | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-34-8** | $^t$Bu | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-35-1** | Ph | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-2** | Ph | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-3** | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-5** | Ph | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-6** | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-35-8** | Ph | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-36.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-36-1** | p-Me-Ph | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-2** | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-36-8** | p-Me-Ph | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-37-1** | p-F-Ph | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-2** | p-F-Ph | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-5** | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-37-8** | p-F-Ph | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-39-1 | p-Br-Ph | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| XVII-39-8 | p-Br-Ph | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-40.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-40-1** | p-I-Ph | H | H | H | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-2** | p-I-Ph | H | H | $CH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-5** | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | F | H | F | OH | H | H |
| **XVII-40-8** | p-I-Ph | * | H | * | $^n$Bu | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-41.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-41-1** | $CH_3$ | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-41-2** | $CH_3$ | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-41-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-41-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-41-5** | $CH_3$ | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-41-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-41-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-41-8** | $CH_3$ | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-42-1** | Et | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-42-2** | Et | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-42-3** | Et | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-42-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-42-5** | Et | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-42-6** | Et | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-42-7** | Et | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-42-8** | Et | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-43-1** | $^i$Pr | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-43-2** | $^i$Pr | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-43-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-43-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-43-5** | $^i$Pr | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-43-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-43-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-43-8** | $^i$Pr | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-44.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-44-1 | $^t$Bu | H | H | H | Bz | F | H | F | OH | H | H |
| XVII-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| XVII-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| XVII-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| XVII-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| XVII-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| XVII-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| XVII-44-8 | $^t$Bu | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-45.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVII-45-1 | Ph | H | H | H | Bz | F | H | F | OH | H | H |
| XVII-45-2 | Ph | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| XVII-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| XVII-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| XVII-45-5 | Ph | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| XVII-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| XVII-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| XVII-45-8 | Ph | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-46-1** | p-Me-Ph | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-46-2** | p-Me-Ph | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-46-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-46-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-46-5** | p-Me-Ph | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-46-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-46-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-46-8** | p-Me-Ph | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-47-1** | p-F-Ph | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-47-2** | p-F-Ph | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-47-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-47-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-47-5** | p-F-Ph | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-47-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-47-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-47-8** | p-F-Ph | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-48.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-48-1** | p-Cl-Ph | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-48-2** | p-Cl-Ph | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-48-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-48-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-48-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-48-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-48-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-48-8** | p-Cl-Ph | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-49.

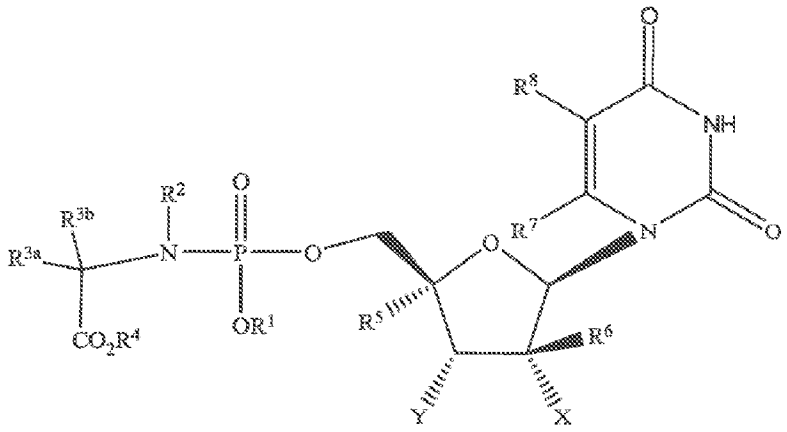
| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-49-1** | p-Br-Ph | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-49-2** | p-Br-Ph | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-49-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-49-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-49-5** | p-Br-Ph | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-49-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-49-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-49-8** | p-Br-Ph | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVII-50.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVII-50-1** | p-I-Ph | H | H | H | Bz | F | H | F | OH | H | H |
| **XVII-50-2** | p-I-Ph | H | H | $CH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-50-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-50-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | F | H | F | OH | H | H |
| **XVII-50-5** | p-I-Ph | H | H | $CH_2Ph$ | Bz | F | H | F | OH | H | H |
| **XVII-50-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | F | H | F | OH | H | H |
| **XVII-50-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | F | H | F | OH | H | H |
| **XVII-50-8** | p-I-Ph | * | H | * | Bz | F | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.



**XVIII**

Table XVIII-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-1-1** | $CH_3$ | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-1-8** | $CH_3$ | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-2-1** | Et | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-2** | Et | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-2-8** | Et | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-3-1** | $^i$Pr | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-3-8** | $^i$Pr | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-4-1** | $^t$Bu | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-2** | $^t$Bu | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-5** | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-4-8** | $^t$Bu | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-5-1** | Ph | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-2** | Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-3** | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-5** | Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-6** | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-5-8** | Ph | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-6-1** | p-Me-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-2** | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-5** | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-6-8** | p-Me-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-7.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-7-1** | p-F-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-2** | p-F-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-6** | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-7** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-8** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-7-20** | p-F-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-8-1** | p-Cl-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-2** | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| **XVIII-8-8** | p-Cl-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-9.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-9-1 | p-Br-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-2 | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-6 | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-7 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-8 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-9-20 | p-Br-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-10.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-10-1 | p-I-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | H | OH | H | H |
| XVIII-10-8 | p-I-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-11.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-11-1** | $CH_3$ | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-2** | $CH_3$ | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-5** | $CH_3$ | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-11-8** | $CH_3$ | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-12-1** | Et | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-2** | Et | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-3** | Et | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-5** | Et | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-6** | Et | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-7** | Et | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-12-8** | Et | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-13-1** | $^i$Pr | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-13-2** | $^i$Pr | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-13-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-13-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-13-5** | $^i$Pr | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-13-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-13-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-13-8** | $^i$Pr | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-14-1** | $^t$Bu | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-2** | $^t$Bu | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-5** | $^t$Bu | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-14-8** | $^t$Bu | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-15.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-15-1 | Ph | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-2 | Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-5 | Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-15-8 | Ph | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-16.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-16-1 | p-Me-Ph | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| XVIII-16-8 | p-Me-Ph | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-17.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-17-1** | p-F-Ph | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-2** | p-F-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-5** | p-F-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-17-8** | p-F-Ph | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-18.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-18-1** | p-Cl-Ph | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-2** | p-Cl-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-18-8** | p-Cl-Ph | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-19-1** | p-Br-Ph | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-2** | p-Br-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-5** | p-Br-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-19-8** | p-Br-Ph | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-20-1** | p-I-Ph | H | H | H | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-2** | p-I-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-5** | p-I-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | H | OH | H | H |
| **XVIII-20-8** | p-I-Ph | * | H | * | Et | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-21-1** | $CH_3$ | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-21-8** | $CH_3$ | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-22-1** | Et | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-2** | Et | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-3** | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-5** | Et | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-6** | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-22-8** | Et | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-23-1** | $^i$Pr | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-23-2** | $^i$Pr | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-23-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-23-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-23-5** | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-23-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-23-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-23-8** | $^i$Pr | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-24-1** | $^t$Bu | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-24-8** | $^t$Bu | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-25-1** | Ph | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-25-8** | Ph | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-26.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-26-1** | p-Me-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-2** | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-26-8** | p-Me-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-27.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-27-1** | p-F-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-2** | p-F-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-5** | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-27-8** | p-F-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-28.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-28-1** | p-Cl-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-2** | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-28-8** | p-Cl-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-29.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-29-1** | p-Br-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-2** | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-29-8** | p-Br-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-30-1** | p-I-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | H | OH | H | H |
| **XVIII-30-8** | p-I-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-31.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-31-1** | $CH_3$ | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-2** | $CH_3$ | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-5** | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-31-8** | $CH_3$ | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-32-1** | Et | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-2** | Et | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-3** | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-5** | Et | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-6** | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-32-8** | Et | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-33.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-33-1 | $^i$Pr | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-2 | $^i$Pr | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-5 | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-33-8 | $^i$Pr | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-34-1 | $^t$Bu | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-2 | $^t$Bu | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-5 | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-34-8 | $^t$Bu | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-35.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-35-1** | Ph | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-2** | Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-3** | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-5** | Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-6** | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-35-8** | Ph | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-36-1** | p-Me-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-2** | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-36-8** | p-Me-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-37.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-37-1** | p-F-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-2** | p-F-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-5** | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-37-8** | p-F-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-38-1** | p-Cl-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-2** | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| **XVIII-38-8** | p-Cl-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-39.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-39-1 | p-Br-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-39-8 | p-Br-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-40-1 | p-I-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | H | OH | H | H |
| XVIII-40-8 | p-I-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-41.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-41-1** | $CH_3$ | H | H | H | Bz | $OCH_3$ | F | H | **OH** | H | H |
| **XVIII-41-2** | $CH_3$ | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-41-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-41-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-41-5** | $CH_3$ | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-41-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-41-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-41-8** | $CH_3$ | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-42-1** | Et | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-2** | Et | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-3** | Et | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-5** | Et | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-6** | Et | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-7** | Et | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-42-8** | Et | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-43.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-43-1 | $^i$Pr | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-43-8 | $^i$Pr | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-44-1 | $^t$Bu | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-44-8 | $^t$Bu | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-45.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-45-1 | Ph | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-2 | Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-5 | Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-45-8 | Ph | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-46-1 | p-Me-Ph | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-46-8 | p-Me-Ph | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-47-1** | p-F-Ph | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-2** | p-F-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-5** | p-F-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-47-8** | p-F-Ph | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XVIII-48-1** | p-Cl-Ph | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-2** | p-Cl-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| **XVIII-48-8** | p-Cl-Ph | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-49.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-49-1 | p-Br-Ph | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-49-8 | p-Br-Ph | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XVIII-50.

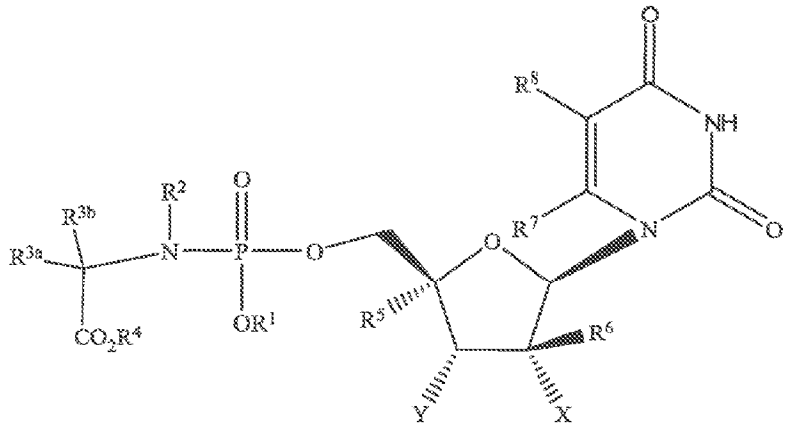
| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XVIII-50-1 | p-I-Ph | H | H | H | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | H | OH | H | H |
| XVIII-50-8 | p-I-Ph | * | H | * | Bz | $OCH_3$ | F | H | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

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**XIX**

Table XIX-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-1-1** | $CH_3$ | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-1-8** | $CH_3$ | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-2-1** | Et | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-2-2** | Et | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-2-8** | Et | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-3-1** | **$^i$Pr** | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-3-8** | $^i$Pr | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-4-1** | $^t$Bu | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-4-2 | $^t$Bu | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-4-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-4-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-4-5 | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-4-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-4-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-4-8 | $^t$Bu | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-5-1 | Ph | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-2 | Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-3 | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-5 | Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-6 | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-5-8 | Ph | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-6-1 | p-Me-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-2 | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-6-8 | p-Me-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-7-1 | p-F-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| XIX-7-20 | p-F-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-8.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-8-1** | p-Cl-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-2** | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-8-8** | p-Cl-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-9-1** | p-Br-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-2** | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-6** | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-7** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-8** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-9-20** | p-Br-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-10.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-10-1** | p-I-Ph | H | H | H | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-2** | p-I-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-5** | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | F | F | OH | H | H |
| **XIX-10-8** | p-I-Ph | * | H | * | $CH_3$ | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-11.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-11-1** | $CH_3$ | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-2** | $CH_3$ | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-5** | $CH_3$ | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-11-8** | $CH_3$ | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-12-1** | Et | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-2** | Et | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-3** | Et | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-5** | Et | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-6** | Et | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-7** | Et | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-12-8** | Et | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-13-1** | $^i$Pr | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-2** | $^i$Pr | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-5** | $^i$Pr | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| **XIX-13-8** | $^i$Pr | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-14-1 | $^t$Bu | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-2 | $^t$Bu | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-14-8 | $^t$Bu | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-15-1 | Ph | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-2 | Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-5 | Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-15-8 | Ph | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-16.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-16-1 | p-Me-Ph | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-16-8 | p-Me-Ph | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-17-1 | p-F-Ph | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-2 | p-F-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-17-8 | p-F-Ph | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-18.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-18-1 | p-Cl-Ph | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-2 | p-Cl-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-18-8 | p-Cl-Ph | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-19-1 | p-Br-Ph | H | H | H | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-2 | p-Br-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-5 | p-Br-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H | H |
| XIX-19-8 | p-Br-Ph | * | H | * | Et | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-20.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ |
|---|---|---|---|---|---|---|---|---|---|---|
| XIX-20-1 | p-I-Ph | H | H | H | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-2 | p-I-Ph | H | H | $CH_3$ | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-5 | p-I-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | F | F | OH | H |
| XIX-20-8 | p-I-Ph | * | H | * | Et | $OCH_3$ | F | F | OH | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-21-1 | $CH_3$ | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-2 | $CH_3$ | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-5 | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-21-8 | $CH_3$ | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-22-1 | Et | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-2 | Et | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-3 | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-5 | Et | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-6 | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-22-8 | Et | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-23-1 | $^i$Pr | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-2 | $^i$Pr | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-5 | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-23-8 | $^i$Pr | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-24-1** | $^t$Bu | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-24-8** | $^t$Bu | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-25-1** | Ph | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-25-8** | Ph | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-26.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-26-1** | p-Me-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-2** | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-26-8** | p-Me-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-27.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-27-1** | p-F-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-2** | p-F-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-5** | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-27-8** | p-F-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-28.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-28-1 | p-Cl-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-2 | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-28-8 | p-Cl-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-29-1 | p-Br-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-2 | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| XIX-29-8 | p-Br-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-30-1** | p-I-Ph | H | H | H | $^i$Pr | $OCH_3$ | F | F | OH | **H** | **H** |
| **XIX-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | F | F | OH | H | H |
| **XIX-30-8** | p-I-Ph | * | H | * | $^i$Pr | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-31-1** | $CH_3$ | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-2** | $CH_3$ | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-5** | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-31-8** | $CH_3$ | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-32-1** | Et | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-2** | Et | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-3** | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-5** | Et | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-6** | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-32-8** | Et | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-33-1** | $^i$Pr | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| **XIX-33-8** | $^i$Pr | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-34.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-34-1 | $^t$Bu | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-2 | $^t$Bu | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-5 | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-34-8 | $^t$Bu | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-35-1 | Ph | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-35-8 | Ph | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-36-1 | p-Me-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-36-8 | p-Me-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-37-1 | p-F-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-37-8 | p-F-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-38.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-39-1 | p-Br-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-39-8 | p-Br-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-40-1 | p-I-Ph | H | H | H | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | F | F | OH | H | H |
| XIX-40-8 | p-I-Ph | * | H | * | $^n$Bu | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-41.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-41-1 | $CH_3$ | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-41-8 | $CH_3$ | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-42.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-42-1** | Et | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-2** | Et | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-3** | Et | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-5** | Et | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-6** | Et | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-7** | Et | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-42-8** | Et | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XIX-43-1** | $^i$Pr | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-2** | $^i$Pr | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-5** | $^i$Pr | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| **XIX-43-8** | $^i$Pr | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-44-1 | $^t$Bu | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-44-8 | $^t$Bu | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-45.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-45-1 | Ph | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-2 | Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-5 | Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-45-8 | Ph | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-46-1 | p-Me-Ph | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-46-8 | p-Me-Ph | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-47-1 | p-F-Ph | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-2 | p-F-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-5 | p-F-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-47-8 | p-F-Ph | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-48.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-48-1 | p-Cl-Ph | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-48-8 | p-Cl-Ph | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XIX-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-49-1 | p-Br-Ph | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-49-8 | p-Br-Ph | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

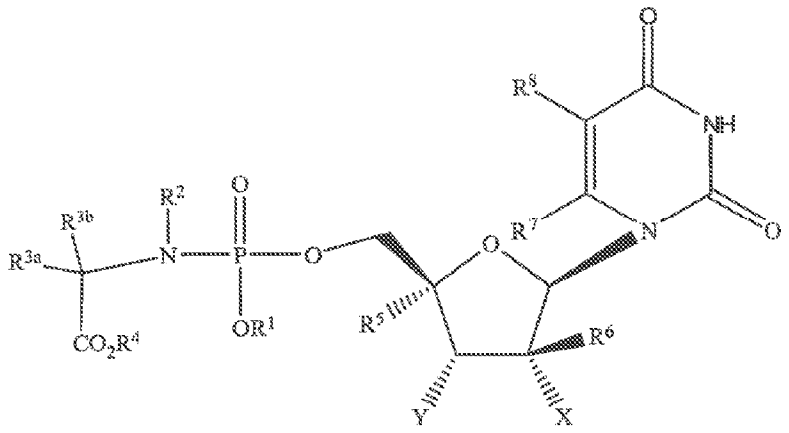
Table XIX-50.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XIX-50-1 | p-I-Ph | H | H | H | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | F | F | OH | H | H |
| XIX-50-8 | p-I-Ph | * | H | * | Bz | $OCH_3$ | F | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.



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Table XX-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-1-1 | $CH_3$ | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-2 | $CH_3$ | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-5 | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-1-8 | $CH_3$ | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-2-1 | Et | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-2 | Et | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-3 | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-5 | Et | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-6 | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-7 | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-2-8 | Et | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-3-1 | $^i$Pr | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-3-2 | $^i$Pr | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-3-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-3-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-3-5 | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-3-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-3-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-3-8 | $^i$Pr | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-4-1 | $^t$Bu | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-2 | $^t$Bu | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-5 | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-4-8 | $^t$Bu | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-5-1** | Ph | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | **H** | **H** |
| **XX-5-2** | Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-5-3** | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-5-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-5-5** | Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-5-6** | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-5-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-5-8** | Ph | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-6-1** | p-Me-Ph | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-2** | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-5** | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-6-8** | p-Me-Ph | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-7.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-7-1 | p-F-Ph | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-7-20 | p-F-Ph | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-8-1 | p-Cl-Ph | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-2 | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| XX-8-8 | p-Cl-Ph | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-9.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-9-1** | p-Br-Ph | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-2** | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-6** | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-7** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-8** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-9-20** | p-Br-Ph | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-10.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-10-1** | p-I-Ph | H | H | H | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-2** | p-I-Ph | H | H | $CH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-5** | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | $OCH_3$ | H | F | OH | H | H |
| **XX-10-8** | p-I-Ph | * | H | * | $CH_3$ | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-11.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-11-1** | $CH_3$ | H | H | H | **Et** | **$OCH_3$** | **H** | **F** | **OH** | H | H |
| **XX-11-2** | $CH_3$ | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-11-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-11-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-11-5** | $CH_3$ | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-11-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-11-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-11-8** | $CH_3$ | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-12-1** | Et | **H** | H | **H** | Et | **$OCH_3$** | H | F | OH | H | H |
| **XX-12-2** | Et | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-12-3** | Et | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-12-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-12-5** | Et | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-12-6** | Et | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-12-7** | Et | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| **XX-12-8** | Et | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **XX-13-1** | $^iPr$ | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-13-2 | $^i$Pr | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-13-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-13-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-13-5 | $^i$Pr | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-13-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-13-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-13-8 | $^i$Pr | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-14-1 | $^t$Bu | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-2 | $^t$Bu | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-14-8 | $^t$Bu | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-15-1 | Ph | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-2 | Ph | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-5 | Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-15-8 | Ph | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-16.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-16-1 | p-Me-Ph | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-16-8 | p-Me-Ph | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-17.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-17-1 | p-F-Ph | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-2 | p-F-Ph | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-17-8 | p-F-Ph | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-18.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-18-1 | p-Cl-Ph | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-2 | p-Cl-Ph | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-18-8 | p-Cl-Ph | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-19.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-19-1 | p-Br-Ph | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-2 | p-Br-Ph | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-5 | p-Br-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-19-8 | p-Br-Ph | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-20-1 | p-I-Ph | H | H | H | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-2 | p-I-Ph | H | H | $CH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-5 | p-I-Ph | H | H | $CH_2Ph$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | $OCH_3$ | H | F | OH | H | H |
| XX-20-8 | p-I-Ph | * | H | * | Et | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-21-1 | $CH_3$ | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-2 | $CH_3$ | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-5 | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-21-8 | $CH_3$ | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-22-1 | Et | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-2 | Et | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-3 | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-5 | Et | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-6 | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-22-8 | Et | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-23-1 | $^i$Pr | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-23-2 | $^i$Pr | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-23-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-23-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-23-5 | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-23-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-23-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-23-8 | $^i$Pr | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-24-1 | $^t$Bu | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-2 | $^t$Bu | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-5 | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-24-8 | $^t$Bu | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-25-1 | Ph | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-2 | Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-3 | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-5 | Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-6 | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-25-8 | Ph | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-26.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-26-1 | p-Me-Ph | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-2 | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-26-8 | p-Me-Ph | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-27.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-27-1 | p-F-Ph | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-27-8 | p-F-Ph | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-28.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-28-1 | p-Cl-Ph | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-2 | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-28-8 | p-Cl-Ph | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-29.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-29-1 | p-Br-Ph | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-2 | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-29-8 | p-Br-Ph | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-30-1 | p-I-Ph | H | H | H | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-2 | p-I-Ph | H | H | $CH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-5 | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | $OCH_3$ | H | F | OH | H | H |
| XX-30-8 | p-I-Ph | * | H | * | $^i$Pr | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-31.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-31-1 | $CH_3$ | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-2 | $CH_3$ | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-5 | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-31-8 | $CH_3$ | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-32-1 | Et | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-2 | Et | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-3 | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-5 | Et | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-6 | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-32-8 | Et | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-33.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-33-1 | $^i$Pr | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-2 | $^i$Pr | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-5 | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-33-8 | $^i$Pr | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-34-1 | $^t$Bu | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-2 | $^t$Bu | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-5 | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-34-8 | $^t$Bu | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-35.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-35-1 | Ph | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-2 | Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-3 | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-5 | Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-6 | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-35-8 | Ph | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-36-1 | p-Me-Ph | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-36-8 | p-Me-Ph | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-37-1 | p-F-Ph | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-37-8 | p-F-Ph | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-39.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-39-1 | p-Br-Ph | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-39-8 | p-Br-Ph | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-40-1 | p-I-Ph | H | H | H | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-2 | p-I-Ph | H | H | $CH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-5 | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | $OCH_3$ | H | F | OH | H | H |
| XX-40-8 | p-I-Ph | * | H | * | $^n$Bu | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-41.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-41-1 | $CH_3$ | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-2 | $CH_3$ | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-5 | $CH_3$ | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-41-8 | $CH_3$ | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-42-1 | Et | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-2 | Et | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-3 | Et | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-5 | Et | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-6 | Et | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-7 | Et | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-42-8 | Et | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-43.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-43-1 | $^i$Pr | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-43-8 | $^i$Pr | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-44-1 | $^t$Bu | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-44-8 | $^t$Bu | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-45.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-45-1 | Ph | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-2 | Ph | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-3 | Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-5 | Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-6 | Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-45-8 | Ph | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-46-1 | p-Me-Ph | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-46-8 | p-Me-Ph | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-47.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-47-1 | p-F-Ph | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-2 | p-F-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-5 | p-F-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-47-8 | p-F-Ph | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-48-1 | p-Cl-Ph | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-48-8 | p-Cl-Ph | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XX-49.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-49-1 | p-Br-Ph | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-49-8 | p-Br-Ph | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

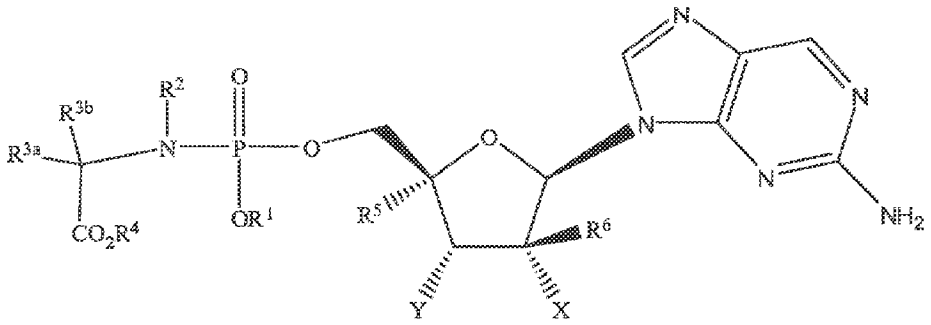
Table XX-50.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y | $R^7$ | $R^8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| XX-50-1 | p-I-Ph | H | H | H | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | $OCH_3$ | H | F | OH | H | H |
| XX-50-8 | p-I-Ph | * | H | * | Bz | $OCH_3$ | H | F | OH | H | H |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.



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**XXI**

Table XXI-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-1-1** | $CH_3$ | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-1-8** | $CH_3$ | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-2-1** | Et | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-2-2** | Et | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-2-8** | Et | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-3-1** | $^i$Pr | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-3-8** | $^i$Pr | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-4-1** | $^t$Bu | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-4-2** | $^t$Bu | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-4-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-4-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-4-5** | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-4-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-4-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-4-8** | $^t$Bu | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-5-1** | Ph | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-2** | Ph | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-3** | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-5** | Ph | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-6** | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-5-8** | Ph | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-6-1** | p-Me-Ph | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-6-2 | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-6-8 | p-Me-Ph | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-7-1 | p-F-Ph | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-7-20 | p-F-Ph | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-8-1 | p-Cl-Ph | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-2 | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-8-8 | p-Cl-Ph | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-9-1 | p-Br-Ph | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-2 | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-6 | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-7 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-8 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| XXI-9-20 | p-Br-Ph | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-10.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-10-1** | p-I-Ph | H | H | H | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-2** | p-I-Ph | H | H | $CH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-5** | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | $CH_3$ | F | OH |
| **XXI-10-8** | p-I-Ph | * | H | * | $CH_3$ | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-11.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-11-1** | $CH_3$ | H | H | H | Et | H | $CH_3$ | F | OH |
| **XXI-11-2** | $CH_3$ | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-11-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-11-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-11-5** | $CH_3$ | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| **XXI-11-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| **XXI-11-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-11-8** | $CH_3$ | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-12-1 | Et | H | H | H | Et | H | $CH_3$ | F | OH |
| XXI-12-2 | Et | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-12-3 | Et | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-12-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-12-5 | Et | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| XXI-12-6 | Et | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| XXI-12-7 | Et | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-12-8 | Et | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-13-1 | $^i$Pr | H | H | H | Et | H | $CH_3$ | F | OH |
| XXI-13-2 | $^i$Pr | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-13-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-13-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-13-5 | $^i$Pr | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| XXI-13-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| XXI-13-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-13-8 | $^i$Pr | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-14-1 | $^t$Bu | H | H | H | Et | H | $CH_3$ | F | OH |
| XXI-14-2 | $^t$Bu | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-14-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-14-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-14-5 | $^t$Bu | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| XXI-14-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| XXI-14-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-14-8 | $^t$Bu | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-15-1 | Ph | H | H | H | Et | H | $CH_3$ | F | OH |
| XXI-15-2 | Ph | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-15-3 | Ph | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-15-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-15-5 | Ph | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| XXI-15-6 | Ph | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| XXI-15-7 | Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-15-8 | Ph | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-16.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-16-1 | p-Me-Ph | H | H | H | Et | H | $CH_3$ | F | OH |
| XXI-16-2 | p-Me-Ph | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-16-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-16-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-16-5 | p-Me-Ph | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| XXI-16-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| XXI-16-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-16-8 | p-Me-Ph | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-17-1 | p-F-Ph | H | H | H | Et | H | $CH_3$ | F | OH |
| XXI-17-2 | p-F-Ph | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-17-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-17-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| XXI-17-5 | p-F-Ph | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| XXI-17-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| XXI-17-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| XXI-17-8 | p-F-Ph | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-18.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-18-1** | p-Cl-Ph | H | H | H | Et | H | $CH_3$ | F | OH |
| **XXI-18-2** | p-Cl-Ph | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-18-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-18-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-18-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| **XXI-18-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| **XXI-18-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-18-8** | p-Cl-Ph | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-19-1** | p-Br-Ph | H | H | H | Et | H | $CH_3$ | F | OH |
| **XXI-19-2** | p-Br-Ph | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-19-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-19-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-19-5** | p-Br-Ph | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| **XXI-19-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| **XXI-19-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-19-8** | p-Br-Ph | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-20.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-20-1** | p-I-Ph | H | H | H | Et | H | $CH_3$ | F | OH |
| **XXI-20-2** | p-I-Ph | H | H | $CH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-20-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-20-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | $CH_3$ | F | OH |
| **XXI-20-5** | p-I-Ph | H | H | $CH_2Ph$ | Et | H | $CH_3$ | F | OH |
| **XXI-20-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | H | $CH_3$ | F | OH |
| **XXI-20-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | $CH_3$ | F | OH |
| **XXI-20-8** | p-I-Ph | * | H | * | Et | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-21-1** | $CH_3$ | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-21-8** | $CH_3$ | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-22-1** | Et | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-2** | Et | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-3** | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-5** | Et | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-6** | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-22-8** | Et | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-23-1** | $^i$Pr | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-2** | $^i$Pr | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-5** | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-23-8** | $^i$Pr | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-24-1** | $^t$Bu | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-24-8** | $^t$Bu | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-25-1** | Ph | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| **XXI-25-8** | Ph | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-26.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-26-1 | p-Me-Ph | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-2 | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-26-8 | p-Me-Ph | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-27.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-27-1 | p-F-Ph | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-2 | p-F-Ph | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-5 | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-27-8 | p-F-Ph | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-28.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-28-1 | p-Cl-Ph | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-2 | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-28-8 | p-Cl-Ph | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-29-1 | p-Br-Ph | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-2 | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-29-8 | p-Br-Ph | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-30-1 | p-I-Ph | H | H | H | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-2 | p-I-Ph | H | H | $CH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-5 | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | $CH_3$ | F | OH |
| XXI-30-8 | p-I-Ph | * | H | * | $^i$Pr | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-31-1 | $CH_3$ | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-2 | $CH_3$ | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-5 | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-31-8 | $CH_3$ | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-32.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-32-1** | Et | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-2** | Et | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-3** | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-5** | Et | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-6** | Et | H | H | $CH_2$-indol-3-yi | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-32-8** | Et | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-33-1** | $^i$Pr | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-33-8** | $^i$Pr | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-34.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-34-1** | $^t$Bu | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-2** | $^t$Bu | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-5** | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-34-8** | $^t$Bu | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-35-1** | Ph | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-2** | Ph | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-3** | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-5** | Ph | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-6** | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-35-8** | Ph | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-36.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-36-1 | p-Me-Ph | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-2 | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-5 | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-36-8 | p-Me-Ph | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-37-1 | p-F-Ph | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-2 | p-F-Ph | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-5 | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-37-8 | p-F-Ph | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-38.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-38-1 | p-Cl-Ph | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-2 | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-5 | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-38-8 | p-Cl-Ph | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-39-1 | p-Br-Ph | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-2 | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-5 | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| XXI-39-8 | p-Br-Ph | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-40.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-40-1** | p-I-Ph | H | H | H | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-2** | p-I-Ph | H | H | $CH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-5** | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | $CH_3$ | F | OH |
| **XXI-40-8** | p-I-Ph | * | H | * | $^n$Bu | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-41.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-41-1** | $CH_3$ | H | H | H | Bz | H | $CH_3$ | F | OH |
| **XXI-41-2** | $CH_3$ | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| **XXI-41-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| **XXI-41-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| **XXI-41-5** | $CH_3$ | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| **XXI-41-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| **XXI-41-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| **XXI-41-8** | $CH_3$ | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-42.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-42-1 | Et | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-42-2 | Et | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-42-3 | Et | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-42-4 | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-42-5 | Et | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-42-6 | Et | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-42-7 | Et | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-42-8 | Et | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-43-1 | $^i$Pr | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-43-8 | $^i$Pr | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-44.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-44-1** | $^t$Bu | H | H | H | Bz | H | $CH_3$ | F | OH |
| **XXI-44-2** | $^t$Bu | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| **XXI-44-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| **XXI-44-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| **XXI-44-5** | $^t$Bu | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| **XXI-44-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| **XXI-44-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| **XXI-44-8** | $^t$Bu | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-45.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXI-45-1** | Ph | H | H | H | Bz | H | $CH_3$ | F | OH |
| **XXI-45-2** | Ph | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| **XXI-45-3** | Ph | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| **XXI-45-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| **XXI-45-5** | Ph | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| **XXI-45-6** | Ph | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| **XXI-45-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| **XXI-45-8** | Ph | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-46.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-46-1 | p-Me-Ph | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-46-2 | p-Me-Ph | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-46-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-46-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-46-5 | p-Me-Ph | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-46-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-46-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-46-8 | p-Me-Ph | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-47.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-47-1 | p-F-Ph | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-47-2 | p-F-Ph | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-47-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-47-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-47-5 | p-F-Ph | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-47-6 | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-47-7 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-47-8 | p-F-Ph | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-48.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-48-1 | p-Cl-Ph | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-48-2 | p-Cl-Ph | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-48-3 | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-48-4 | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-48-5 | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-48-6 | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-48-7 | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-48-8 | p-Cl-Ph | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXI-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-49-1 | p-Br-Ph | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-49-2 | p-Br-Ph | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-49-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-49-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-49-5 | p-Br-Ph | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-49-6 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-49-7 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-49-8 | p-Br-Ph | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

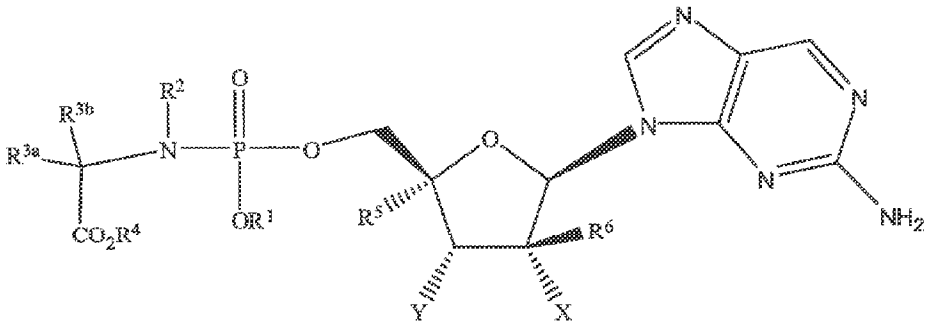
Table XXI-50.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXI-50-1 | p-I-Ph | H | H | H | Bz | H | $CH_3$ | F | OH |
| XXI-50-2 | p-I-Ph | H | H | $CH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-50-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-50-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | $CH_3$ | F | OH |
| XXI-50-5 | p-I-Ph | H | H | $CH_2Ph$ | Bz | H | $CH_3$ | F | OH |
| XXI-50-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | $CH_3$ | F | OH |
| XXI-50-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | $CH_3$ | F | OH |
| XXI-50-8 | p-I-Ph | * | H | * | Bz | H | $CH_3$ | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.



XXII

Table XXII-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-1-1** | $CH_3$ | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-1-8** | $CH_3$ | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-2-1** | Et | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-2-2** | Et | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-2-8** | Et | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-3-1** | $^i$Pr | H | H | H | $CH_3$ | H | F | H | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-3-8** | $^i$Pr | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-4-1** | $^t$Bu | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-4-2** | $^t$Bu | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-4-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-4-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-4-5** | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-4-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-4-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-4-8** | $^t$Bu | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-5-1** | Ph | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-5-2** | Ph | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-5-3** | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-5-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-5-5** | Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-5-6** | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-5-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-5-8** | Ph | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-6-1** | p-Me-Ph | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-6-2** | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-6-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-6-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-6-5** | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-6-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-6-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-6-8** | p-Me-Ph | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-7-1** | p-F-Ph | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-7-2** | p-F-Ph | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-7-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-7-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-7-6** | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-7-7** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-7-8** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-7-20** | p-F-Ph | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-8-1** | p-Cl-Ph | H | H | H | $CH_3$ | H | F | H | OH |
| **XXII-8-2** | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-8-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-8-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| **XXII-8-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| **XXII-8-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| **XXII-8-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| **XXII-8-8** | p-Cl-Ph | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXII-9-1 | p-Br-Ph | H | H | H | $CH_3$ | H | F | H | OH |
| XXII-9-2 | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| XXII-9-3 | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| XXII-9-4 | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| XXII-9-6 | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| XXII-9-7 | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| XXII-9-8 | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| XXII-9-20 | p-Br-Ph | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-10.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXII-10-1 | p-I-Ph | H | H | H | $CH_3$ | H | F | H | OH |
| XXII-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | H | F | H | OH |
| XXII-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| XXII-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | H | OH |
| XXII-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | H | OH |
| XXII-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | H | OH |
| XXII-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | H | OH |
| XXII-10-8 | p-I-Ph | * | H | * | $CH_3$ | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-11.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-11-1** | $CH_3$ | H | H | H | Et | H | F | H | OH |
| **XXII-11-2** | $CH_3$ | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-11-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-11-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-11-5** | $CH_3$ | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-11-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-11-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-11-8** | $CH_3$ | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-12-1** | Et | H | H | H | Et | H | F | H | OH |
| **XXII-12-2** | Et | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-12-3** | Et | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-12-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-12-5** | Et | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-12-6** | Et | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-12-7** | Et | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-12-8** | Et | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-13-1** | $^iPr$ | H | H | H | Et | H | F | H | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-13-2** | $^i$Pr | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-13-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-13-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-13-5** | $^i$Pr | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-13-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-13-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-13-8** | $^i$Pr | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-14-1** | $^t$Bu | H | H | H | Et | H | F | H | OH |
| **XXII-14-2** | $^t$Bu | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-14-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-14-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-14-5** | $^t$Bu | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-14-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-14-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-14-8** | $^t$Bu | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-15-1** | Ph | H | H | H | Et | H | F | H | OH |
| **XXII-15-2** | Ph | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-15-3** | Ph | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-15-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-15-5** | Ph | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-15-6** | Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-15-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-15-8** | Ph | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-16.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-16-1** | p-Me-Ph | H | H | H | Et | H | F | H | OH |
| **XXII-16-2** | p-Me-Ph | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-16-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-16-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-16-5** | p-Me-Ph | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-16-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-16-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-16-8** | p-Me-Ph | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-17-1** | p-F-Ph | H | H | H | Et | H | F | H | OH |
| **XXII-17-2** | p-F-Ph | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-17-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-17-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-17-5** | p-F-Ph | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-17-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-17-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-17-8** | p-F-Ph | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-18.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-18-1** | p-Cl-Ph | H | H | H | Et | H | F | H | OH |
| **XXII-18-2** | p-Cl-Ph | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-18-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-18-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-18-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-18-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-18-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-18-8** | p-Cl-Ph | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-19-1** | p-Br-Ph | H | H | H | Et | H | F | H | OH |
| **XXII-19-2** | p-Br-Ph | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-19-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-19-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-19-5** | p-Br-Ph | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-19-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-19-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-19-8** | p-Br-Ph | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-20-1** | p-I-Ph | H | H | H | Et | H | F | H | OH |
| **XXII-20-2** | p-I-Ph | H | H | $CH_3$ | Et | H | F | H | OH |
| **XXII-20-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-20-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | H | OH |
| **XXII-20-5** | p-I-Ph | H | H | $CH_2Ph$ | Et | H | F | H | OH |
| **XXII-20-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | H | OH |
| **XXII-20-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | H | OH |
| **XXII-20-8** | p-I-Ph | * | H | * | Et | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-21.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-21-1** | $CH_3$ | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-21-8** | $CH_3$ | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-22-1** | Et | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-22-2** | Et | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-22-3** | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-22-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-22-5** | Et | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-22-6** | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-22-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-22-8** | Et | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-23-1** | $^i$Pr | H | H | H | $^i$Pr | H | F | H | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-23-2** | $^i$Pr | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-23-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-23-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-23-5** | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-23-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-23-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-23-8** | $^i$Pr | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-24-1** | $^t$Bu | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-24-2** | $^t$Bu | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-24-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-24-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-24-5** | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-24-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-24-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-24-8** | $^t$Bu | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-25-1** | Ph | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-25-2** | Ph | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-25-3** | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-25-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-25-5** | Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-25-6** | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-25-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-25-8** | Ph | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-26.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-26-1** | p-Me-Ph | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-26-2** | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-26-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-26-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-26-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-26-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-26-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-26-8** | p-Me-Ph | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-27.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-27-1** | p-F-Ph | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-27-2** | p-F-Ph | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-27-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-27-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-27-5** | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-27-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-27-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-27-8** | p-F-Ph | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-28.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-28-1** | p-Cl-Ph | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-28-2** | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-28-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-28-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-28-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-28-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-28-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-28-8** | p-Cl-Ph | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-29.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-29-1** | p-Br-Ph | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-29-2** | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-29-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-29-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-29-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-29-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-29-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-29-8** | p-Br-Ph | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-30-1** | p-I-Ph | H | H | H | $^i$Pr | H | F | H | OH |
| **XXII-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | H | OH |
| **XXII-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | H | OH |
| **XXII-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | H | OH |
| **XXII-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | H | OH |
| **XXII-30-8** | p-I-Ph | * | H | * | $^i$Pr | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-31.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXII-31-1 | $CH_3$ | H | H | H | $^n$Bu | H | F | H | OH |
| XXII-31-2 | $CH_3$ | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| XXII-31-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| XXII-31-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| XXII-31-5 | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| XXII-31-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| XXII-31-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| XXII-31-8 | $CH_3$ | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-32.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXII-32-1 | Et | H | H | H | $^n$Bu | H | F | H | OH |
| XXII-32-2 | Et | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| XXII-32-3 | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| XXII-32-4 | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| XXII-32-5 | Et | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| XXII-32-6 | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| XXII-32-7 | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| XXII-32-8 | Et | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-33.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-33-1** | $^i$Pr | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-33-8** | $^i$Pr | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-34-1** | $^t$Bu | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-34-2** | $^t$Bu | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-34-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-34-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-34-5** | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-34-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-34-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-34-8** | $^t$Bu | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-35.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-35-1** | Ph | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-35-2** | Ph | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-35-3** | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-35-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-35-5** | Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-35-6** | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-35-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-35-8** | Ph | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-36.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-36-1** | p-Me-Ph | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-36-2** | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-36-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-36-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-36-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-36-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-36-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-36-8** | p-Me-Ph | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-37.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-37-1** | p-F-Ph | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-37-2** | p-F-Ph | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-37-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-37-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-37-5** | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-37-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-37-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-37-8** | p-F-Ph | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-38.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-38-1** | p-Cl-Ph | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-38-2** | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-38-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-38-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-38-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-38-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-38-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-38-8** | p-Cl-Ph | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-39-1** | p-Br-Ph | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-39-2** | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-39-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-39-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-39-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-39-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-39-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-39-8** | p-Br-Ph | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-40.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-40-1** | p-I-Ph | H | H | H | $^n$Bu | H | F | H | OH |
| **XXII-40-2** | p-I-Ph | H | H | $CH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-40-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-40-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | H | OH |
| **XXII-40-5** | p-I-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | H | OH |
| **XXII-40-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | H | OH |
| **XXII-40-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | H | OH |
| **XXII-40-8** | p-I-Ph | * | H | * | $^n$Bu | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-41.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-41-1** | $CH_3$ | H | H | H | Bz | H | F | H | OH |
| **XXII-41-2** | $CH_3$ | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-41-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-41-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-41-5** | $CH_3$ | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-41-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-41-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-41-8** | $CH_3$ | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-42.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-42-1** | Et | H | H | H | Bz | H | F | H | OH |
| **XXII-42-2** | Et | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-42-3** | Et | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-42-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-42-5** | Et | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-42-6** | Et | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-42-7** | Et | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-42-8** | Et | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-43.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXII-43-1 | $^i$Pr | H | H | H | Bz | H | F | H | OH |
| XXII-43-2 | $^i$Pr | H | H | $CH_3$ | Bz | H | F | H | OH |
| XXII-43-3 | $^i$Pr | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| XXII-43-4 | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| XXII-43-5 | $^i$Pr | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| XXII-43-6 | $^i$Pr | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| XXII-43-7 | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| XXII-43-8 | $^i$Pr | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-44.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXII-44-1 | $^t$Bu | H | H | H | Bz | H | F | H | OH |
| XXII-44-2 | $^t$Bu | H | H | $CH_3$ | Bz | H | F | H | OH |
| XXII-44-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| XXII-44-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| XXII-44-5 | $^t$Bu | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| XXII-44-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| XXII-44-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| XXII-44-8 | $^t$Bu | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-45.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-45-1** | Ph | H | H | H | Bz | H | F | H | OH |
| **XXII-45-2** | Ph | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-45-3** | Ph | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-45-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-45-5** | Ph | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-45-6** | Ph | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-45-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-45-8** | Ph | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-46.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-46-1** | p-Me-Ph | H | H | H | Bz | H | F | H | OH |
| **XXII-46-2** | p-Me-Ph | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-46-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-46-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-46-5** | p-Me-Ph | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-46-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-46-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-46-8** | p-Me-Ph | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-47.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-47-1** | p-F-Ph | H | H | H | Bz | H | F | H | OH |
| **XXII-47-2** | p-F-Ph | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-47-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-47-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-47-5** | p-F-Ph | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-47-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-47-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-47-8** | p-F-Ph | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-48.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-48-1** | p-Cl-Ph | H | H | H | Bz | H | F | H | OH |
| **XXII-48-2** | p-Cl-Ph | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-48-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-48-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-48-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-48-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-48-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-48-8** | p-Cl-Ph | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-49.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-49-1** | p-Br-Ph | H | H | H | Bz | H | F | H | OH |
| **XXII-49-2** | p-Br-Ph | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-49-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-49-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-49-5** | p-Br-Ph | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-49-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-49-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-49-8** | p-Br-Ph | * | H | * | Bz | H | F | H | OH |

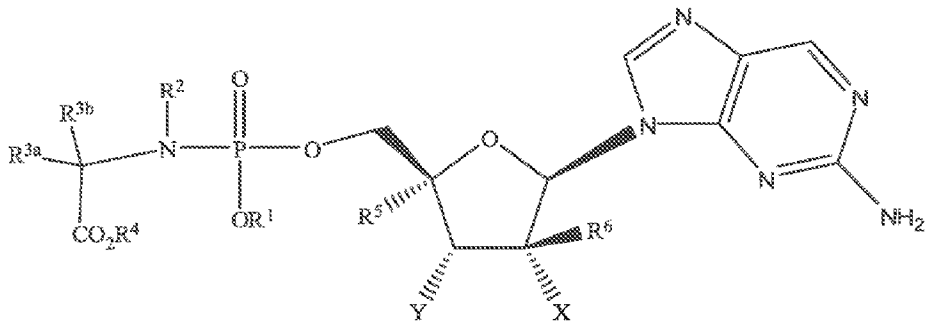
*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXII-50.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXII-50-1** | p-I-Ph | H | H | H | Bz | H | F | H | OH |
| **XXII-50-2** | p-I-Ph | H | H | $CH_3$ | Bz | H | F | H | OH |
| **XXII-50-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-50-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Bz | H | F | H | OH |
| **XXII-50-5** | p-I-Ph | H | H | $CH_2Ph$ | Bz | H | F | H | OH |
| **XXII-50-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Bz | H | F | H | OH |
| **XXII-50-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Bz | H | F | H | OH |
| **XXII-50-8** | p-I-Ph | * | H | * | Bz | H | F | H | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

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**XXIII**

Table XXIII-1.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-1-1** | $CH_3$ | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-1-2** | $CH_3$ | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-1-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-1-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-1-5** | $CH_3$ | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-1-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-1-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-1-8** | $CH_3$ | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-2.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-2-1** | Et | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-2-2** | Et | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-2-3** | Et | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-2-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-2-5** | Et | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-2-6** | Et | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-2-7** | Et | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-2-8** | Et | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-3.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-3-1** | $^i$Pr | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-3-2** | $^i$Pr | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-3-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-3-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-3-5** | $^i$Pr | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-3-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-3-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-3-8** | $^i$Pr | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-4.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-4-1** | $^t$Bu | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-4-2** | $^t$Bu | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-4-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-4-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-4-5** | $^t$Bu | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-4-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-4-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-4-8** | $^t$Bu | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-5.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-5-1** | Ph | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-5-2** | Ph | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-5-3** | Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-5-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-5-5** | Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-5-6** | Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-5-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-5-8** | Ph | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-6.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-6-1** | p-Me-Ph | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-6-2** | p-Me-Ph | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-6-3 | p-Me-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| XXIII-6-4 | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| XXIII-6-5 | p-Me-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| XXIII-6-6 | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| XXIII-6-7 | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| XXIII-6-8 | p-Me-Ph | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-7.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-7-1 | p-F-Ph | H | H | H | $CH_3$ | H | F | F | OH |
| XXIII-7-2 | p-F-Ph | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| XXIII-7-3 | p-F-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| XXIII-7-4 | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| XXIII-7-6 | p-F-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| XXIII-7-7 | p-F-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| XXIII-7-8 | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| XXIII-7-20 | p-F-Ph | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-8.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-8-1 | p-Cl-Ph | H | H | H | $CH_3$ | H | F | F | OH |



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-8-2** | p-Cl-Ph | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-8-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-8-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-8-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-8-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-8-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-8-8** | p-Cl-Ph | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-9.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-9-1** | p-Br-Ph | H | H | H | $CH_3$ | H | F | F | OH |
| **XXIII-9-2** | p-Br-Ph | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-9-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-9-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| **XXIII-9-6** | p-Br-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| **XXIII-9-7** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $CH_3$ | H | F | F | OH |
| **XXIII-9-8** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| **XXIII-9-20** | p-Br-Ph | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-10.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-10-1 | p-I-Ph | H | H | H | $CH_3$ | H | F | F | OH |
| XXIII-10-2 | p-I-Ph | H | H | $CH_3$ | $CH_3$ | H | F | F | OH |
| XXIII-10-3 | p-I-Ph | H | H | $CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| XXIII-10-4 | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $CH_3$ | H | F | F | OH |
| XXIII-10-5 | p-I-Ph | H | H | $CH_2Ph$ | $CH_3$ | H | F | F | OH |
| XXIII-10-6 | p-I-Ph | H | H | $CH_2$-indol-3-yi | $CH_3$ | H | F | F | OH |
| XXIII-10-7 | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $CH_3$ | H | F | F | OH |
| XXIII-10-8 | p-I-Ph | * | H | * | $CH_3$ | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-11.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-11-1 | $CH_3$ | H | H | H | Et | H | F | F | OH |
| XXIII-11-2 | $CH_3$ | H | H | $CH_3$ | Et | H | F | F | OH |
| XXIII-11-3 | $CH_3$ | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| XXIII-11-4 | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| XXIII-11-5 | $CH_3$ | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| XXIII-11-6 | $CH_3$ | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| XXIII-11-7 | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| XXIII-11-8 | $CH_3$ | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-12.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-12-1** | Et | H | H | H | Et | H | F | F | OH |
| **XXIII-12-2** | Et | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-12-3** | Et | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-12-4** | Et | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-12-5** | Et | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-12-6** | Et | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-12-7** | Et | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-12-8** | Et | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-13.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-13-1** | $^i$Pr | H | H | H | Et | H | F | F | OH |
| **XXIII-13-2** | $^i$Pr | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-13-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-13-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-13-5** | $^i$Pr | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-13-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-13-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-13-8** | $^i$Pr | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-14.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-14-1** | $^t$Bu | H | H | H | Et | H | F | F | OH |
| **XXIII-14-2** | $^t$Bu | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-14-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-14-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-14-5** | $^t$Bu | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-14-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-14-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-14-8** | $^t$Bu | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-15.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-15-1** | Ph | H | H | H | Et | H | F | F | OH |
| **XXIII-15-2** | Ph | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-15-3** | Ph | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-15-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-15-5** | Ph | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-15-6** | Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-15-7** | Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-15-8** | Ph | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-16.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-16-1** | p-Me-Ph | H | H | H | Et | H | F | F | OH |
| **XXIII-16-2** | p-Me-Ph | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-16-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-16-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-16-5** | p-Me-Ph | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-16-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-16-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-16-8** | p-Me-Ph | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-17.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-17-1** | p-F-Ph | H | H | H | Et | H | F | F | OH |
| **XXIII-17-2** | p-F-Ph | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-17-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-17-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-17-5** | p-F-Ph | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-17-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-17-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-17-8** | p-F-Ph | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-18.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-18-1** | p-Cl-Ph | H | H | H | Et | H | F | F | OH |
| **XXIII-18-2** | p-Cl-Ph | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-18-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-18-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-18-5** | p-Cl-Ph | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-18-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-18-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-18-8** | p-Cl-Ph | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-19.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-19-1** | p-Br-Ph | H | H | H | Et | H | F | F | OH |
| **XXIII-19-2** | p-Br-Ph | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-19-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-19-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-19-5** | p-Br-Ph | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-19-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-19-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-19-8** | p-Br-Ph | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-20.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-20-1** | p-I-Ph | H | H | H | Et | H | F | F | OH |
| **XXIII-20-2** | p-I-Ph | H | H | $CH_3$ | Et | H | F | F | OH |
| **XXIII-20-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-20-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | Et | H | F | F | OH |
| **XXIII-20-5** | p-I-Ph | H | H | $CH_2Ph$ | Et | H | F | F | OH |
| **XXIII-20-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | Et | H | F | F | OH |
| **XXIII-20-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | Et | H | F | F | OH |
| **XXIII-20-8** | p-I-Ph | * | H | * | Et | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-21.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-21-1** | $CH_3$ | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-21-2** | $CH_3$ | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-21-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-21-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-21-5** | $CH_3$ | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-21-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-21-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-21-8** | $CH_3$ | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-22.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-22-1** | Et | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-22-2** | Et | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-22-3** | Et | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-22-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-22-5** | Et | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-22-6** | Et | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-22-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-22-8** | Et | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-23.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-23-1** | $^i$Pr | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-23-2** | $^i$Pr | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-23-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-23-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-23-5** | $^i$Pr | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-23-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-23-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-23-8** | $^i$Pr | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-24.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-24-1 | $^t$Bu | H | H | H | $^i$Pr | H | F | F | OH |
| XXIII-24-2 | $^t$Bu | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| XXIII-24-3 | $^t$Bu | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| XXIII-24-4 | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| XXIII-24-5 | $^t$Bu | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| XXIII-24-6 | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| XXIII-24-7 | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| XXIII-24-8 | $^t$Bu | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-25.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| XXIII-25-1 | Ph | H | H | H | $^i$Pr | H | F | F | OH |
| XXIII-25-2 | Ph | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| XXIII-25-3 | Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| XXIII-25-4 | Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| XXIII-25-5 | Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| XXIII-25-6 | Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| XXIII-25-7 | Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| XXIII-25-8 | Ph | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-26.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-26-1** | p-Me-Ph | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-26-2** | p-Me-Ph | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-26-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-26-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-26-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-26-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-26-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-26-8** | p-Me-Ph | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-27.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-27-1** | p-F-Ph | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-27-2** | p-F-Ph | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-27-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-27-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-27-5** | p-F-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-27-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-27-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-27-8** | p-F-Ph | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-28.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-28-1** | p-Cl-Ph | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-28-2** | p-Cl-Ph | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-28-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-28-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-28-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-28-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-28-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-28-8** | p-Cl-Ph | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-29.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-29-1** | p-Br-Ph | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-29-2** | p-Br-Ph | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-29-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-29-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-29-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-29-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-29-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-29-8** | p-Br-Ph | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-30.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-30-1** | p-I-Ph | H | H | H | $^i$Pr | H | F | F | OH |
| **XXIII-30-2** | p-I-Ph | H | H | $CH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-30-3** | p-I-Ph | H | H | $CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-30-4** | p-I-Ph | H | H | $CH_2CH(CH_3)_2$ | $^i$Pr | H | F | F | OH |
| **XXIII-30-5** | p-I-Ph | H | H | $CH_2Ph$ | $^i$Pr | H | F | F | OH |
| **XXIII-30-6** | p-I-Ph | H | H | $CH_2$-indol-3-yl | $^i$Pr | H | F | F | OH |
| **XXIII-30-7** | p-I-Ph | H | H | $CH_2CH_2SCH_3$ | $^i$Pr | H | F | F | OH |
| **XXIII-30-8** | p-I-Ph | * | H | * | $^i$Pr | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-31.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-31-1** | $CH_3$ | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-31-2** | $CH_3$ | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-31-3** | $CH_3$ | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-31-4** | $CH_3$ | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-31-5** | $CH_3$ | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-31-6** | $CH_3$ | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-31-7** | $CH_3$ | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-31-8** | $CH_3$ | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-32.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-32-1** | Et | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-32-2** | Et | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-32-3** | Et | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-32-4** | Et | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-32-5** | Et | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-32-6** | Et | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-32-7** | Et | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-32-8** | Et | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-33.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-33-1** | $^i$Pr | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-33-2** | $^i$Pr | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-33-3** | $^i$Pr | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-33-4** | $^i$Pr | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-33-5** | $^i$Pr | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-33-6** | $^i$Pr | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-33-7** | $^i$Pr | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-33-8** | $^i$Pr | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-34.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-34-1** | $^t$Bu | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-34-2** | $^t$Bu | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-34-3** | $^t$Bu | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-34-4** | $^t$Bu | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-34-5** | $^t$Bu | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-34-6** | $^t$Bu | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-34-7** | $^t$Bu | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-34-8** | $^t$Bu | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-35.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-35-1** | Ph | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-35-2** | Ph | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-35-3** | Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-35-4** | Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-35-5** | Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-35-6** | Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-35-7** | Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-35-8** | Ph | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-36.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-36-1** | p-Me-Ph | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-36-2** | p-Me-Ph | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-36-3** | p-Me-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-36-4** | p-Me-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-36-5** | p-Me-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-36-6** | p-Me-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-36-7** | p-Me-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-36-8** | p-Me-Ph | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-37.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-37-1** | p-F-Ph | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-37-2** | p-F-Ph | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-37-3** | p-F-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-37-4** | p-F-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-37-5** | p-F-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-37-6** | p-F-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-37-7** | p-F-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-37-8** | p-F-Ph | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-38.



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| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-38-1** | p-Cl-Ph | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-38-2** | p-Cl-Ph | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-38-3** | p-Cl-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-38-4** | p-Cl-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-38-5** | p-Cl-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-38-6** | p-Cl-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-38-7** | p-Cl-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-38-8** | p-Cl-Ph | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-39.

| № | $R^1$ | $R^2$ | $R^{3a}$ | $R^{3b}$ | $R^4$ | $R^5$ | $R^6$ | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| **XXIII-39-1** | p-Br-Ph | H | H | H | $^n$Bu | H | F | F | OH |
| **XXIII-39-2** | p-Br-Ph | H | H | $CH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-39-3** | p-Br-Ph | H | H | $CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-39-4** | p-Br-Ph | H | H | $CH_2CH(CH_3)_2$ | $^n$Bu | H | F | F | OH |
| **XXIII-39-5** | p-Br-Ph | H | H | $CH_2Ph$ | $^n$Bu | H | F | F | OH |
| **XXIII-39-6** | p-Br-Ph | H | H | $CH_2$-indol-3-yl | $^n$Bu | H | F | F | OH |
| **XXIII-39-7** | p-Br-Ph | H | H | $CH_2CH_2SCH_3$ | $^n$Bu | H | F | F | OH |
| **XXIII-39-8** | p-Br-Ph | * | H | * | $^n$Bu | H | F | F | OH |

*$R^2$ and $R^{3b}$ joined together by $(CH_2)_3$ to form five-membered ring.

Table XXIII-40.



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