



## Notice

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## Cyclopentane

Cite

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PubChem CID

9253

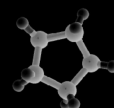
Structure



2D



3D



Crystal

Primary Hazards



Flammable

[Laboratory Chemical Safety Summary \(LCSS\) Datasheet](#)

Molecular Formula

$C_5H_{10}$

Synonyms

CYCLOPENTANE  
287-92-3  
Pentamethylene  
ciclopentano  
cyclopentan

[View More...](#)

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight | 70.13 g/mol<br><i>Computed by PubChem 2.2 (PubChem release 2025.04.14)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dates            | Create: 2004-09-16    Modify: 2025-09-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Description      | <p>Cyclopentane appears as a clear colorless liquid with a petroleum-like odor. Flash point of -35 °F. Less dense than <b>water</b> and insoluble in <b>water</b>. Vapors are heavier than air.</p> <p>► <a href="#">CAMEO Chemicals</a></p> <p>Cyclopentane is a cycloalkane that consists of five carbons each bonded with two hydrogens above and below the plane. The parent of the class of cyclopentanes. It has a role as a non-polar solvent. It is a member of cyclopentanes, a cycloalkane and a volatile organic compound.</p> <p>► <a href="#">ChEBI</a></p> <p>Cyclopentane has been reported in <b>Oryza sativa</b> and <b>Senna sophora</b> with data available.</p> <p>► <a href="#">LOTUS - the natural products occurrence database</a></p> <p><a href="#">View More...</a></p> |

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## 1 Structures



### 1.1 2D Structure



► PubChem

### 1.2 3D Conformer

