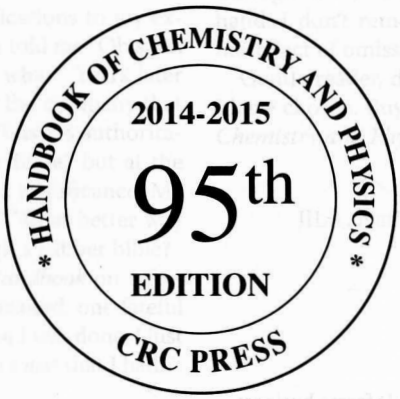
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No.	Name	Synonym	Mol. Form.	CAS RN	Mol. Wt.	Physical Form	mp/°C	bp/°C	den g cm^{-3}	n_D	Solubility
5553	*D*-Glutamic acid		$C_5H_9NO_4$	6893-26-1	147.130	lf (w)	213 dec		1.538^{20}		sl H_2O; i EtOH, eth, ace, bz, HOAc, MeOH
5554	*L*-Glutamic acid	(*S*)-2-Aminopentanedioic acid	$C_5H_9NO_4$	56-86-0	147.130	orth (dil al)	160 dec	175 sub	1.538^{20}		sl H_2O
5555	*L*-Glutamic acid, hydrochloride		$C_5H_{10}ClNO_4$	138-15-8	183.591	orth pl (w)	214 dec				vs H_2O, EtOH
5556	*L*-Glutamine	2-Aminoglutaramic acid	$C_5H_{10}N_2O_3$	56-85-9	146.144	nd (w, dil al)	182(3)				s H_2O; i EtOH, eth, bz, MeOH
5557	Glutaric acid	Pentanedioic acid	$C_5H_8O_4$	110-94-1	132.116	nd (bz)	97.9(0.3)	273(10)	1.429^{15}	1.4188^{106}	vs H_2O, EtOH, eth; i bz; s chl, lig
5558	Glutathione	*L*-γ-Glutamyl-*L*-cysteinylglycine	$C_{10}H_{17}N_3O_6S$	70-18-8	307.323	cry (50% al)	195				vs H_2O; i EtOH, eth; s DMF
5559	Glutathione disulfide	*L*-γ-Glutamyl-*L*-cysteinylglycine disulfide	$C_{20}H_{32}N_6O_{12}S_2$	27025-41-8	612.631	cry (EtOH aq)	179				
5560	Glutethimide		$C_{13}H_{15}NO_2$	77-21-4	217.264	cry (eth)	85(1)				i H_2O; s EtOH; vs eth, ace
5561	Glycerol	1,2,3-Propanetriol	$C_3H_8O_3$	56-81-5	92.094	syr, orth pl	18.2(0.4)	289(3)	1.2613^{20}	1.4746^{20}	msc H_2O, EtOH; sl eth; i bz, ctc, chl
5562	Glycerol 1-acetate	1,2,3-Propanetriol 1-acetate, (±)	$C_5H_{10}O_4$	106-61-6	134.131			158^{165}	1.2060^{20}	1.4157^{20}	vs H_2O, EtOH
5563	Glycerol 1-butanoate		$C_7H_{14}O_4$	557-25-5	162.184			280	1.129^{18}	1.4531^{20}	vs H_2O, EtOH
5564	Glycerol 1,3-dinitrate	1,2,3-Propanetriol, 1,3-dinitrate	$C_3H_6N_2O_7$	623-87-0	182.089	pr (w), cry (eth)	26	148^{15}	1.523^{20}	1.4715^{20}	vs H_2O, eth, EtOH
5565	Glycerol 1,3-di-9-octadecenoate, *cis,cis*		$C_{39}H_{72}O_5$	2465-32-9	620.986	cry (eth/EtOH)	50.1				
5566	Glycerol 1-oleate	1-Monoolein	$C_{21}H_{40}O_4$	111-03-5	356.541	pl (al)	35	239^3	0.9420^{20}	1.4626^{20}	i H_2O; s EtOH, eth, chl
5567	*L*-Glycerol 1-phosphate	α-Glycerophosphoric acid	$C_3H_9O_6P$	5746-57-6	172.073	syr					dec H_2O
5568	Glycerol tridecanoate	Decanoic acid glycerol triester	$C_{33}H_{62}O_6$	621-71-6	554.841	cry (peth)	31(1)				
5569	Glycerol trielaidate	Trielaidin	$C_{57}H_{104}O_6$	537-39-3	885.432						vs bz, eth, chl
5570	Glycerol trilaurate	Trilaurin	$C_{39}H_{74}O_6$	538-24-9	639.001	nd (al)			0.8986^{55}	1.4404^{60}	i H_2O; s EtOH, eth, peth; vs ace, bz
5571	Glycerol tri-3-methylbutanoate	Triisovalerin	$C_{18}H_{32}O_6$	620-63-3	344.443			332.5	0.9984^{20}	1.4354^{20}	vs eth, EtOH
5572	Glycerol trioleate	Triolein	$C_{57}H_{104}O_6$	122-32-7	885.432	col-ye oil	5.3(0.6)	237^{18}	0.915^{15}	1.4676^{15}	i H_2O; sl EtOH; vs eth; s chl, peth
5573	Glycerol tripalmitate	Tripalmitin	$C_{51}H_{98}O_6$	555-44-2	807.320	nd (eth)	66(2)	624(28)	0.8752^{70}	1.4381^{80}	i H_2O; sl EtOH; vs eth; s bz, chl
5574	Glycerol tristearate	Tristearin	$C_{57}H_{110}O_6$	555-43-1	891.479				0.8559^{90}	1.4395^{80}	i H_2O, EtOH; sl bz, ctc; s ace, chl
5575	Glycerol tritetradecanoate	Trimyristin	$C_{45}H_{86}O_6$	555-45-3	723.161	wh-ye solid	57.0(0.2)	585(27)	0.8848^{60}	1.4428^{60}	i H_2O; sl EtOH, lig; s eth, ace, bz
5576	Glycerone phosphate	1-Hydroxy-3-(phosphonooxy)-2-propanone	$C_3H_7O_6P$	57-04-5	170.058						dec H_2O
5577	Glycine	Aminoacetic acid	$C_2H_5NO_2$	56-40-6	75.067	mcl or trg pr (dil al)	290 dec		1.161^{20}		vs H_2O; i EtOH, eth; sl ace, py
5578	Glycine, ethyl ester, hydrochloride	Ethyl aminoacetate hydrochloride	$C_4H_{10}ClNO_2$	623-33-6	139.581		144				vs H_2O, EtOH
5579	Glycine, hydrochloride		$C_2H_6ClNO_2$	6000-43-7	111.528	hyg orth nd (w)	200.5				vs H_2O
5580	Glycocholic acid		$C_{26}H_{43}NO_6$	475-31-0	465.622	nd (w)	166.5				sl H_2O, eth; vs EtOH
5581	Glycocyamine	Guanidinoacetic acid	$C_3H_7N_3O_2$	352-97-6	117.107	pl or nd (w)	282				sl H_2O, EtOH, eth
5582	Glycogen		$(C_6H_{10}O_5)_x$	9005-79-2	162.140	wh pow					vs H_2O; i EtOH, eth
5583	Glycolaldehyde		$C_2H_4O_2$	141-46-8	60.052	pl	97		1.366^{100}	1.4772^{19}	s chl
5584	Glycolic acid		$C_2H_4O_3$	79-14-1	76.051	orth nd (w) lf (eth)	79.5	100			s H_2O, EtOH, eth
5585	*N*-Glycolylneuraminic acid	*N*-(Hydroxyacetyl)neuraminic acid	$C_{11}H_{19}NO_{10}$	1113-83-3	325.270		186				
5586	Glycopyrrolate		$C_{19}H_{28}BrNO_3$	596-51-0	398.334		192.5				
5587	Glycylalanine	*N*-Alanylglycine	$C_5H_{10}N_2O_3$	1188-01-8	146.144		237 dec				s H_2O; i EtOH, eth
5588	*L*-Glycylasparagine		$C_6H_{11}N_3O_4$	1999-33-3	189.169	nd (EtOH aq)	216				s H_2O; sl EtOH
5589	*N*-Glycylglycine	2-(Aminoacetamido)acetic acid	$C_4H_8N_2O_3$	556-50-3	132.118		220(1)				s H_2O

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No.	Name	Formula	CAS Reg No.	Mol. weight	Physical form	mp/°C	bp/°C	Density g cm^{-3}	Solubility g/100 g H_2O	Qualitative solubility
3023	Vanadocene	$V(C_5H_5)_2$	1277-47-0	181.128	viol cry; hyg	167				s bz, thf
3024	Vanadocene dichloride	$V(C_5H_5)_2Cl_2$	12083-48-6	252.034	dark grn cry	205 dec				s H_2O, chl, EtOH
3025	Vanadium boride (VB)	VB	12045-27-1	61.753	refrac solid	2250				i H_2O
3026	Vanadium boride (VB_2)	VB_2	12007-37-3	72.564	refrac solid	2450				
3027	Vanadium carbide (VC)	VC	12070-10-9	62.953	refrac blk cry; cub	2810		5.77		i H_2O
3028	Vanadium carbide (V_2C)	V_2C	12012-17-8	113.894	hex cry	2167				
3029	Vanadium carbonyl	$V(CO)_6$	14024-00-1	219.002	blue-grn cry; flam	60 dec	subl			
3030	Vanadium nitride	VN	24646-85-3	64.949	blk powder; cub	2050		6.13		i H_2O; s aqua regia
3031	Vanadium silicide (VSi_2)	VSi_2	12039-87-1	107.113	metallic prisms			4.42		s HF
3032	Vanadium silicide (V_3Si)	V_3Si	12039-76-8	180.911	cub cry	1935		5.70		
3033	Vanadium(II) bromide	VBr_2	14890-41-6	210.750	oran-brn hex cry		800 subl	4.58		reac H_2O
3034	Vanadium(II) chloride	VCl_2	10580-52-6	121.848	grn hex plates	1350	910 subl	3.23		reac H_2O; s EtOH, eth
3035	Vanadium(II) fluoride	VF_2	13842-80-3	88.939	blue hyg cry	1490				reac H_2O
3036	Vanadium(II) iodide	VI_2	15513-84-5	304.751	red-viol hex cry		subl 800	5.44		reac H_2O
3037	Vanadium(II) oxide	VO	12035-98-2	66.941	gray-blk cry	1790		5.758		s acid
3038	Vanadium(II) sulfate heptahydrate	$VSO_4 \cdot 7H_2O$	36907-42-3	273.111	viol cry					
3039	Vanadium(III) bromide	VBr_3	13470-26-3	290.654	blk-grn hyg cry	dec 500	subl	4.00		reac H_2O
3040	Vanadium(III) chloride	VCl_3	7718-98-1	157.301	red-viol hex cry; hyg	500 dec		3.00		reac H_2O; s EtOH, eth
3041	Vanadium(III) fluoride	VF_3	10049-12-4	107.937	yel-grn hex cry	1395	subl	3.363		i H_2O, EtOH
3042	Vanadium(III) fluoride trihydrate	$VF_3 \cdot 3H_2O$	10049-12-4*	161.983	grn rhomb cry	≈100 dec				sl H_2O
3043	Vanadium(III) iodide	VI_3	15513-94-7	431.655	brn-blk rhomb cry; hyg	dec 300		5.21		reac H_2O
3044	Vanadium(III) oxide	V_2O_3	1314-34-7	149.881	blk powder	1957	≈3000	4.87		i H_2O
3045	Vanadium(III) 2,4-pentanedioate	$V(CH_3COCHCOCH_3)_3$	13476-99-8	348.266	brn cry	≈185	subl	≈1.0		s MeOH, ace, bz chl
3046	Vanadium(III) sulfate	$V_2(SO_4)_3$	13701-70-7	390.071	yel powder	≈400 dec				sl H_2O
3047	Vanadium(III) sulfide	V_2S_3	1315-03-3	198.078	grn-blk powder	dec		4.7		i H_2O; s hot HCl
3048	Vanadium(IV) bromide	VBr_4	13595-30-7	370.558	unstab purp cry	-23 dec				
3049	Vanadium(IV) chloride	VCl_4	7632-51-1	192.754	red-brn liq	-28	151	1.816		reac H_2O; s EtOH, eth
3050	Vanadium(IV) fluoride	VF_4	10049-16-8	126.936	grn hyg powder	325 dec	subl	3.15		vs H_2O
3051	Vanadium(IV) oxide	VO_2	12036-21-4	82.941	blue-blk powder	1967		4.339		i H_2O; s acid, alk
3052	Vanadium(V) fluoride	VF_5	7783-72-4	145.934	col liq	19.5	48.3	2.50		reac H_2O
3053	Vanadium(V) dioxide fluoride	VO_2F	14259-82-6	101.939	brn hyg cry	350 dec				reac H_2O
3054	Vanadium(V) dioxide chloride	VO_2Cl	13759-30-3	118.394	oran hyg cry	dec 180				s thf
3055	Vanadium(V) oxide	V_2O_5	1314-62-1	181.880	yel-brn orth cry	681	1750	3.35	0.07^{25}	s conc acid, alk; i EtOH
3056	Vanadium(V) sulfide	V_2S_5	12138-17-9	262.208	grn-blk pow	dec		3.0		i H_2O; s acid, alk
3057	Vanadyl bromide	VOBr	13520-88-2	146.845	viol cry	480 dec				
3058	Vanadyl chloride	VOCl	13520-87-1	102.394	brn orth cry		127	1.72		
3059	Vanadyl dibromide	$VOBr_2$	13520-89-3	226.749	yel-brn cry	180 dec				
3060	Vanadyl dichloride	$VOCl_2$	10213-09-9	137.847	grn hyg cry	380 dec		2.88		reac H_2O; s EtOH
3061	Vanadyl difluoride	VOF_2	13814-83-0	104.938	yel cry					
3062	Vanadyl selenite hydrate	$VOSeO_3 \cdot H_2O$	133578-89-9	211.92	grn tricl plates			3.506		
3063	Vanadyl sulfate dihydrate	$VOSO_4 \cdot 2H_2O$	27774-13-6	199.035	blue cry powder					s H_2O
3064	Vanadyl tribromide	$VOBr_3$	13520-90-6	306.653	deep red liq	-59	170			reac H_2O
3065	Vanadyl trichloride	$VOCl_3$	7727-18-6	173.300	fuming red-yel liq	-79	127	1.829		reac H_2O; s MeOH, eth, ace
3066	Vanadyl trifluoride	VOF_3	13709-31-4	123.936	yel hyg powder	300	480	2.459		reac H_2O
3067	Water	H_2O	7732-18-5	18.015	col liq	0.00	99.974	0.9970^{25}		vs EtOH, MeOH, ace
3068	Water-d_2	D_2O	7789-20-0	20.027	col liq	3.82	101.42	1.1044^{25}		
3069	Water-t_2	T_2O	14940-65-9	22.032	col liq	4.48	101.51	1.2138^{25}		
3070	Xenon	Xe	7440-63-3	131.293	col gas	-111.75	-108.09	5.366 g/L		sl H_2O
3071	Xenon trioxide	XeO_3	13776-58-4	179.291	col orth cry	exp ≈25		4.55		s H_2O
3072	Xenon tetroxide	XeO_4	12340-14-6	195.291	yel solid or col gas; exp	-35.9	≈0 dec			
3073	Xenon difluoride	XeF_2	13709-36-9	169.290	col tetr cry	129.03 tp	114.35 sp	4.32		sl H_2O
3074	Xenon tetrafluoride	XeF_4	13709-61-0	207.287	col monocl cry	117.10 tp	115.75 sp	4.04		reac H_2O
3075	Xenon hexafluoride	XeF_6	13693-09-9	245.283	col monocl cry	49.48	75.6	3.56		reac H_2O
3076	Xenon fluoride oxide	$XeOF_2$	13780-64-8	185.289	yel solid, stab <-25	exp ≈0				reac H_2O
3077	Xenon oxytetrafluoride	$XeOF_4$	13774-85-1	223.286	col liq	-46.2		3.17^0		reac H_2O
3078	Xenon dioxydifluoride	XeO_2F_2	13875-06-4	201.289	col orth cry	30.8 exp		4.10		
3079	Xenon difluoride trioxide	XeO_3F_2	15192-14-0	217.288	unstab at r.t.	-54.1	exp			
3080	Xenon pentafluoride hexafluoroarsenate	XeF_5AsF_6	20328-94-3	415.197	wh monocl cry	130.5		3.51		

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