

Disiloxane, 1,1,3,3-tetramethyl-

Other names:	sym-Tetramethyldisiloxane Bis(dimethylsilyl) ether Bis(dimethylsilyl) oxide Dimethylsilyl ether Tetramethyldisiloxane 1,1,3,3-Tetramethyldisiloxane 1,3-Dihydrotetramethyldisiloxane (CH ₃) ₂ HSiOSiH(CH ₃) ₂ CT2030 ((CH ₃) ₂ SiH) ₂ O NSC 155369 T 2030
Inchi:	InChI=1S/C4H14OSi2/c1-6(2)5-7(3)4/h6-7H,1-4H3
InchiKey:	NVYQDQZEMGUESH-UHFFFAOYSA-N
Formula:	C ₄ H ₁₄ O ₂ Si ₂
SMILES:	C[SiH](C)O[SiH](C)C
Mol. weight [g/mol]:	134.32
CAS:	3277-26-7

Physical Properties

Property code	Value	Unit	Source
affp	845.30	kJ/mol	NIST Webbook
basg	814.60	kJ/mol	NIST Webbook
log10ws	3.75		Crippen Method
logp	0.970		Crippen Method
tb	344.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3277267&Units=SI

Legend

affp:	Proton affinity
basg:	Gas basicity
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

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