

Silane, 1,2-ethanediylbis[trimethyl-

Other names:	2,5-Disilahexane, 2,2,5,5-tetramethyl- 1,2-Bis(trimethylsilyl)ethane Silane, 1,2-ethanediylbis*trimethyl-
Inchi:	InChI=1S/C8H22Si2/c1-9(2,3)7-8-10(4,5)6/h7-8H2,1-6H3
InchiKey:	DMKCEJPDZDUPDV-UHFFFAOYSA-N
Formula:	C8H22Si2
SMILES:	C[Si](C)(C)CC[Si](C)(C)C
Mol. weight [g/mol]:	174.43
CAS:	6231-76-1

Physical Properties

Property code	Value	Unit	Source
ie	8.78	eV	NIST Webbook
log10ws	1.89		Crippen Method
logp	3.663		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6231761&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/48-721-8/Silane-1-2-ethanediylbis-trimethyl.pdf>

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