

Silane, [(1-methyl-1,3-propanediyl)bis(oxy)]bis[trimethyl-

Other names:	Silane, [(1-methyl-1,3-propanediyl)bis(oxy)]bis[trimethyl- Butane-1,3-diol, bis-TMS 3,7-Dioxa-2,8-disilanonane, 2,2,4,8,8-pentamethyl- butane-1,3-diol, TMS 1,3-Butanediol, 2tms derivative
Inchi:	InChI=1S/C10H26O2Si2/c1-10(12-14(5,6)7)8-9-11-13(2,3)4/h10H,8-9H2,1-7H3
InchiKey:	MVLNPAZVNVLGRL-UHFFFAOYSA-N
Formula:	C10H26O2Si2
SMILES:	CC(CCO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	234.49

Physical Properties

Property code	Value	Unit	Source
hvap	49.96	kJ/mol	Cheméo Relay (1.0)
ie	9.35	eV	Cheméo Relay (1.0)
logp	3.468		Crippen Method
ripol	1164.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C56771472&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

ripol: Polar retention indices

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