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