Ethanediol, bis-DMTBS

Inchi: InChI=1S/C14H34O2Si2/c1-13(2,3)17(7,8)15-11-12-16-18(9,10)14(4,5)6/h11-12H2,1-10H
InchiKey: LCMJZTYHSITRAQ-UHFFFAOYSA-N
Formula: C14H34O2Si2
SMILES: CC(C)(C)[Si](C)(C)OCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 290.59
CAS: 66548-22-9

Physical Properties

Property code	Value	Unit	Source
log10ws	0.04		Crippen Method
logp	5.030		Crippen Method
rinpol	1392.50		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1392.50		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C66548229&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices