1,4-butanediol, tBDMS

Other names: 1,4-Butanediol, bis-DMTBS
Inchi: InChI=1S/C16H38O2Si2/c1-15(2,3)19(7,8)17-13-11-12-14-18-20(9,10)16(4,5)6/h11-14H2
InchiKey: FQBZLVHZDYXUDM-UHFFFAOYSA-N
Formula: C16H38O2Si2
SMILES: CC(C)(C)[Si](C)(C)OCCCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 318.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.80		Crippen Method
logp	5.810		Crippen Method
rinpol	1595.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R64667&Units=SI

Legend

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