

1,1,1-tris(Hydroxymethyl)propane, bis(tert-butyldimethylsilyl) ether

Other names: Trimethylolpropane, 2tbdms derivative
Inchi: InChI=1S/C18H42O3Si2/c1-12-18(13-19,14-20-22(8,9)16(2,3)4)15-21-23(10,11)17(5,6)7
InchiKey: KMONPVYEGYYVLN-UHFFFAOYSA-N
Formula: C18H42O3Si2
SMILES: CCC(CO)(CO[Si](C)(C)C(C)(C)C)CO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 362.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.66		Crippen Method
logp	5.419		Crippen Method
rinpol	1819.40		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333964&Units=SI>

Legend

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

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