2,3-Dihydroxypropyl-(2-hydroxy-1-hydroxymethyl tetrakis-TMS

Inchi: InChI=1S/C18H47NO4Si4/c1-24(2,3)20-14-17(15-21-25(4,5)6)19-13-18(23-27(10,11)12)

InchiKey: VGIJAHRFVRDLFC-UHFFFAOYSA-N

Formula: C18H47NO4Si4

SMILES: C[Si](C)(C)OCC(CO[Si](C)(C)C)NCC(CO[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 453.91

Physical Properties

Property code	Value	Unit	Source
log10ws	4.68		Crippen Method
logp	4.719		Crippen Method
rinpol	1810.00		NIST Webbook
rinpol	1810.00		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=R221357&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices