2,6-Dideoxy-ribo-hexonic acid, 1,4-lactone, TMS

Inchi: InChI=1S/C12H26O4Si2/c1-9(15-17(2,3)4)12-10(8-11(13)14-12)16-18(5,6)7/h9-10,12H,8

InchiKey: PWGNVQKEEOOZHR-YWTFCRFGSA-N

Formula: C12H26O4Si2

SMILES: CC(O[Si](C)(C)C)C1OC(=O)CC1O[Si](C)(C)C

Mol. weight [g/mol]: 290.50

Physical Properties

Property code	Value	Unit	Source
log10ws	1.79		Crippen Method
logp	2.762		Crippen Method
rinpol	1538.00		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=R100795&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices