2-Deoxy-threo-pentonic acid, 1,4-lactone, TMS

Inchi: InChI=1S/C11H24O4Si2/c1-16(2,3)13-8-10-9(7-11(12)14-10)15-17(4,5)6/h9-10H,7-8H2,1
InchiKey: IKMKBKLESWIEFA-NXEZZACHSA-N
Formula: C11H24O4Si2
SMILES: C[Si](C)(C)OCC1OC(=O)CC1O[Si](C)(C)C
Mol. weight [g/mol]: 276.48

Physical Properties

Property code	Value	Unit	Source
log10ws	2.32		Crippen Method
logp	2.373		Crippen Method
rinpol	1536.00		NIST Webbook
rinpol	1536.00		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=R101025&Units=SI

Legend

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