3-Deoxy-erythro-pentonic acid, 1,4-lactone, TMS

Inchi: InChI=1S/C11H24O4Si2/c1-16(2,3)13-8-9-7-10(11(12)14-9)15-17(4,5)6/h9-10H,7-8H2,1-

InchiKey: PMPOGQLSXIFUBJ-NXEZZACHSA-N

Formula: C11H24O4Si2

SMILES: C[Si](C)(C)OCC1CC(O[Si](C)(C)C)C(=O)O1

Mol. weight [g/mol]: 276.48

Physical Properties

Property code	Value	Unit	Source
log10ws	2.32		Crippen Method
logp	2.373		Crippen Method
rinpol	1488.00		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=R101278&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices