3,5-Dideoxy-erythro-pentonic acid, 1,4-lactone, TMS

Inchi: InChI=1S/C8H16O3Si/c1-6-5-7(8(9)10-6)11-12(2,3)4/h6-7H,5H2,1-4H3/t6-,7+/m1/s1
InchiKey: XSDLWUWZXXXEOH-RQJHMYQMSA-N
Formula: C8H16O3Si
SMILES: CC1CC(O[Si](C)(C)C)C(=O)O1
Mol. weight [g/mol]: 188.30

Physical Properties

Property code	Value	Unit	Source
log10ws	0.71		Crippen Method
logp	1.542		Crippen Method
rinpol	1165.00		NIST Webbook
rinpol	1165.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R101090&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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