3-Deoxy-erythro-pentonic acid, tetrakis-TMS

Inchi: InChI=1S/C17H42O5Si4/c1-23(2,3)19-14-15(20-24(4,5)6)13-16(21-25(7,8)9)17(18)22-26
InchiKey: OQHUZALRVKVUOV-JKSUJKDBSA-N
Formula: C17H42O5Si4
SMILES: C[Si](C)(C)OCC(CC(O[Si](C)(C)C)C(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 438.85

Physical Properties

Property code	Value	Unit	Source
log10ws	4.51		Crippen Method
logp	5.046		Crippen Method
rinpol	1683.00		NIST Webbook
rinpol	1683.00		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=R101283&Units=SI

Legend

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