2-Deoxy-threo-pentonic acid, tetrakis-TMS

Inchi: InChI=1S/C16H40O5Si4/c1-22(2,3)18-13-14(19-23(4,5)6)15(20-24(7,8)9)16(17)21-25(10
InchiKey: IEXXQBIANMZJJP-HUUCEWRRSA-N
Formula: C16H40O5Si4
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 424.83

Physical Properties

Property code	Value	Unit	Source
log10ws	4.93		Crippen Method
logp	4.656		Crippen Method
rinpol	1697.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R487686&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