

3,4-Dideoxyhexonic acid, tetrakis-TMS

Inchi: InChI=1S/C18H44O5Si4/c1-24(2,3)20-15-16(21-25(4,5)6)13-14-17(22-26(7,8)9)18(19)23
InchiKey: RTVJXDVRXIFDGR-UHFFFAOYSA-N
Formula: C18H44O5Si4
SMILES: C[Si](C)(C)OCC(CCC(O[Si](C)(C)C)C(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 452.88

Physical Properties

Property code	Value	Unit	Source
log10ws	4.09		Crippen Method
logp	5.436		Crippen Method
rinpol	1802.00		NIST Webbook
rinpol	1802.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R101085&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/122-965-5/3-4-Dideoxyhexonic-acid-tetrakis-TMS.pdf>

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