

3,4-Dideoxyhexaric acid, TMS

Inchi: InChI=1S/C18H42O6Si4/c1-25(2,3)21-15(17(19)23-27(7,8)9)13-14-16(22-26(4,5)6)18(20)
InchiKey: HJYBMEQUUKHGAZ-UHFFFAOYSA-N
Formula: C18H42O6Si4
SMILES: C[Si](C)(C)OC(=O)C(CCC(O[Si](C)(C)C)C(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 466.86

Physical Properties

Property code	Value	Unit	Source
log10ws	4.32		Crippen Method
logp	4.963		Crippen Method
rinpol	1839.00		NIST Webbook
rinpol	1839.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R101070&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/121-902-5/3-4-Dideoxyhexaric-acid-TMS.pdf>

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