

2,5-Dideoxypentonic acid, tris-TMS

Inchi: InChI=1S/C14H34O4Si3/c1-12(16-19(2,3)4)13(17-20(5,6)7)11-14(15)18-21(8,9)10/h12-1
InchiKey: YGVRFQCWYDWBEX-UHFFFAOYSA-N
Formula: C14H34O4Si3
SMILES: CC(O[Si](C)(C)C)C(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 350.67

Physical Properties

Property code	Value	Unit	Source
log10ws	2.90		Crippen Method
logp	4.215		Crippen Method
rinpol	1517.00		NIST Webbook
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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=R100780&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/57-495-0/2-5-Dideoxypentonic-acid-tris-TMS.pdf>

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