

3,5-Dideoxy-erythro-pentonic acid, tris-TMS

Inchi: InChI=1S/C14H34O4Si3/c1-12(16-19(2,3)4)11-13(17-20(5,6)7)14(15)18-21(8,9)10/h12-14
InchiKey: KDUBUBHHCGXSBY-CHWSQXEVSA-N
Formula: C14H34O4Si3
SMILES: CC(CC(O[Si](C)(C)C)C(=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 | 1422.00 | | NIST Webbook |
| rinpol | 1422.00 | | 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=R101109&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/26-215-4/3-5-Dideoxy-erythro-pentonic-acid-tris-TMS.pdf>

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