

2-Deoxy-D-ribose, tris(trimethylsilyl) ether

Inchi: InChI=1S/C14H34O4Si3/c1-19(2,3)16-12-14(18-21(7,8)9)13(10-11-15)17-20(4,5)6/h11,1
InchiKey: WJEJOIVWMARKGR-UHFFFAOYSA-N
Formula: C₁₄H₃₄O₄Si₃
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(CC=O)O[Si](C)(C)C
Mol. weight [g/mol]: 350.67

Physical Properties

Property code	Value	Unit	Source
log10ws	3.40		Crippen Method
logp	3.867		Crippen Method
rinpol	1482.00		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=U380069&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/113-615-3/2-Deoxy-D-ribose-tris-trimethylsilyl-ether.pdf>

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