

L-(+)-Threose, tris(trimethylsilyl) ether, methyloxime (syn)

Inchi: InChI=1S/C14H35NO4Si3/c1-16-15-11-13(18-21(5,6)7)14(19-22(8,9)10)12-17-20(2,3)4/h
InchiKey: ALJSKKFUUDIVIZ-UHFFFAOYSA-N
Formula: C14H35NO4Si3
SMILES: CON=CC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 365.69

Physical Properties

Property code	Value	Unit	Source
log10ws	3.44		Crippen Method
logp	3.910		Crippen Method
rinpol	1451.10		NIST Webbook
rinpol	1451.10		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=U380192&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/13-891-8/L-Threose-tris-trimethylsilyl-ether-methyloxime-syn.pdf>

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