L-(+)-Threose, tris(trimethylsilyl) ether (isomer 1)

Inchi: InChI=1S/C13H32O4Si3/c1-18(2,3)15-11-10-14-13(17-20(7,8)9)12(11)16-19(4,5)6/h11-1

InchiKey: VZNHGEZKVDSQOS-UHFFFAOYSA-N

Formula: C13H32O4Si3

SMILES: C[Si](C)(C)OC1COC(O[Si](C)(C)C)C1O[Si](C)(C)C

Mol. weight [g/mol]: 336.65

Physical Properties

Property code	Value	Unit	Source
log10ws	3.51		Crippen Method
logp	3.634		Crippen Method
rinpol	1394.70		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380156&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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https://www.chemeo.com/cid/54-804-9/L-Threose-tris-trimethylsilyl-ether-isomer-1.pdf

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