

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

Inchi: InChI=1S/C20H39NO4Si3/c1-26(2,3)23-17-20(25-28(7,8)9)19(24-27(4,5)6)15-21-22-16-
InchiKey: NESSEJYAHXPJT-UHFFFAOYSA-N
Formula: C20H39NO4Si3
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C
Mol. weight [g/mol]: 441.78

Physical Properties

Property code	Value	Unit	Source
log10ws	1.33		Crippen Method
logp	5.481		Crippen Method
rinpol	1966.20		NIST Webbook
rinpol	1966.20		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=U380351&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/47-344-8/L-Threose-tris-trimethylsilyl-ether-benzyloxime-isomer-1.pdf>

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