

d3-Leucine, di-TMS

Inchi: InChI=1S/C12H29NO2Si2/c1-10(2)9-11(13-16(3,4)5)12(14)15-17(6,7)8/h10-11,13H,9H2
InchiKey: OIBARLCQMDCDSG-PPQVAUQRSA-N
Formula: C12H26D3NO2Si2
SMILES: CC(C)CC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 278.55

Physical Properties

Property code	Value	Unit	Source
log10ws	1.13		Crippen Method
logp	3.204		Crippen Method
rinsol	1275.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R274787&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/18-676-2/d3-Leucine-di-TMS.pdf>

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