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
rinpol	1275.00		NIST Webbook
rinpol	1275.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R274787&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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