

Glycine, N-(2-methylbutanoyl), bis-TMS

Inchi: InChI=1S/C13H29NO3Si2/c1-9-11(2)13(17-19(6,7)8)14-10-12(15)16-18(3,4)5/h11H,9-10H,12H,13H,14H,15H,16H,17H,18H,19H
InchiKey: YZUJRIKVBXSOFT-BUHFOSPRSA-N
Formula: C13H29NO3Si2
SMILES: CCC(C)C(=NCC(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 303.55

Physical Properties

Property code	Value	Unit	Source
log10ws	1.27		Crippen Method
logp	3.661		Crippen Method
rinpol	1491.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R112986&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.cheméo.com/cid/66-129-6/Glycine-N-2-methylbutanoyl-bis-TMS.pdf>

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