

Ala, N-isoBOC TBDMS

Other names: Ala isoBOC TBDMS
alanine, N(O,S)-isoBOC TBDMS

Inchi: InChI=1S/C14H29NO4Si/c1-10(2)9-18-13(17)15-11(3)12(16)19-20(7,8)14(4,5)6/h10-11H

InchiKey: XFEYVCZFKABRCV-UHFFFAOYSA-N

Formula: C14H29NO4Si

SMILES: CC(C)COC(=O)NC(C)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 303.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.50		Crippen Method
logp	3.305		Crippen Method
rinpola	1702.70		NIST Webbook
rinpola	1703.00		NIST Webbook
rinpola	1702.00		NIST Webbook
rinpola	1702.70		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=R68786&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/115-809-6/Ala-N-isoBOC-TBDMS.pdf>

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