

Valine, ethoxycarbonylated, TBDMS

Inchi: InChI=1S/C14H29NO4Si/c1-9-18-13(17)15-11(10(2)3)12(16)19-20(7,8)14(4,5)6/h10-11H
InchiKey: FRSFNERYAVXARS-UHFFFAOYSA-N
Formula: C14H29NO4Si
SMILES: CCOC(=O)NC(C(=O)O[Si](C)(C)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
rinpol	1661.00		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=R565172&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/17-051-6/Valine-ethoxycarbonylated-TBDMS.pdf>

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