

Valine, N,O-2TMS

Inchi:	InChI=1S/C11H27NO2Si2/c1-9(2)10(12-15(3,4)5)11(13)14-16(6,7)8/h9-10,12H,1-8H3
InchiKey:	UJMRIWMQZDBOTB-UHFFFAOYSA-N
Formula:	C11H27NO2Si2
SMILES:	CC(C)C(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	261.51

Physical Properties

Property code	Value	Unit	Source
log10ws	1.55		Crippen Method
logp	2.814		Crippen Method
rinpol	1232.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R620323&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/122-671-1/Valine-N-O-2TMS.pdf>

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