

L-Norvaline, N-(trimethylsilyl)-, trimethylsilyl ester

Other names:	NORVALINE(N,O-TMS)
Inchi:	InChI=1S/C11H27NO2Si2/c1-8-9-10(12-15(2,3)4)11(13)14-16(5,6)7/h10,12H,8-9H2,1-7H3
InchiKey:	FPLJIDNLONPGBI-SNVBAGLBSA-N
Formula:	C11H27NO2Si2
SMILES:	CCCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	261.51
CAS:	7364-45-6

Physical Properties

Property code	Value	Unit	Source
log10ws	1.31		Crippen Method
logp	2.958		Crippen Method
rinpola	1250.20		NIST Webbook
rinpola	1250.20		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7364456&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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/117-795-0/L-Norvaline-N-trimethylsilyl-trimethylsilyl-ester.pdf>

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