

Val-Val, N-trimethylsilyl-, trimethylsilyl ester

Other names:	Trimethylsilyl N-(trimethylsilyl)-l-valyl-l-valinate
Inchi:	InChI=1S/C16H36N2O3Si2/c1-11(2)13(18-22(5,6)7)15(19)17-14(12(3)4)16(20)21-23(8,9)
InchiKey:	HVVJFSYPVNELCE-UHFFFAOYSA-N
Formula:	C16H36N2O3Si2
SMILES:	CC(C)C(N[Si](C)(C)C)C(=O)NC(C(=O)O[Si](C)(C)C)C(C)C
Mol. weight [g/mol]:	360.64

Physical Properties

Property code	Value	Unit	Source
log10ws	0.62		Crippen Method
logp	2.954		Crippen Method
rinpol	1797.60		NIST Webbook
rinpol	1797.60		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333703&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/31-135-7/Val-Val-N-trimethylsilyl-trimethylsilyl-ester.pdf>

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