

# Val-val, trimethylsilyl ester

<b>Other names:</b>	Trimethylsilyl l-valyl-l-valinate Valylvaline, tms derivative
<b>Inchi:</b>	InChI=1S/C13H28N2O3Si/c1-8(2)10(14)12(16)15-11(9(3)4)13(17)18-19(5,6)7/h8-11H,14
<b>InchiKey:</b>	ARUNRCDUQZYVTK-UHFFFAOYSA-N
<b>Formula:</b>	C13H28N2O3Si
<b>SMILES:</b>	CC(C)C(N)C(=O)NC(C(=O)O[Si](C)(C)C)C(C)C
<b>Mol. weight [g/mol]:</b>	288.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.32		Crippen Method
logp	1.489		Crippen Method
rinpola	1730.80		NIST Webbook
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## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333704&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333704&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/121-956-6/Val-val-trimethylsilyl-ester.pdf>

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