

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

Other names:	Alanine, N-(trimethylsilyl)-, trimethylsilyl ester, L-
Inchi:	InChI=1S/C9H23NO2Si2/c1-8(10-13(2,3)4)9(11)12-14(5,6)7/h8,10H,1-7H3/t8-/m1/s1
InchiKey:	FRWXSQFKDEAOY-MRVPVSSYSA-N
Formula:	C9H23NO2Si2
SMILES:	CC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	233.46
CAS:	27844-07-1

Physical Properties

Property code	Value	Unit	Source
log10ws	2.14		Crippen Method
logp	2.177		Crippen Method
rinpol	1095.30		NIST Webbook
rinpol	1095.30		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=C27844071&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/54-980-4/l-Alanine-N-trimethylsilyl-trimethylsilyl-ester.pdf>

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