

L-Tryptophan, N«alpha»-trimethylsilyl-, trimethylsilyl ester

Other names:	L-Tryptophan, 1-trimethylsilyl-, trimethylsilyl ester
Inchi:	InChI=1S/C17H28N2O2Si2/c1-22(2,3)19-16(17(20)21-23(4,5)6)11-13-12-18-15-10-8-7-9
InchiKey:	IAIUXTNRNPYLBH-UHFFFAOYSA-N
Formula:	C17H28N2O2Si2
SMILES:	C[Si](C)(C)NC(Cc1c[nH]c2ccccc12)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	348.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.49		Crippen Method
logp	3.400		Crippen Method
rinsol	2206.20		NIST Webbook
rinsol	2206.20		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333268&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinsol:	Non-polar retention indices

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