

Tryptophan, bis(trimethylsilyl)-

Other names:

Tryptophan, di-TMS
Try, N,O-(bis-TMS)-
L-Tryptophan, N-(trimethylsilyl)-, trimethylsilyl ester
Try, TMS
L-tryptophan, n(1)-(trimethylsilyl)-, trimethylsilyl ester

Inchi: InChI=1S/C17H28N2O2Si2/c1-22(2,3)19-12-13(14-9-7-8-10-16(14)19)11-15(18)17(20)2**InchiKey:** OROPXBPBFRVMLJ-UHFFFAOYSA-N**Formula:** C17H28N2O2Si2**SMILES:** C[Si](C)(C)OC(=O)C(N)Cc1cn([Si](C)(C)C)c2cccc12**Mol. weight [g/mol]:** 348.59**CAS:** 61445-27-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.55		Crippen Method
logp	3.572		Crippen Method
rinpol	2236.00		NIST Webbook
rinpol	2215.00		NIST Webbook
rinpol	2215.00		NIST Webbook
rinpol	2241.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C61445270&Units=SI>**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l**logp:** Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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