

S(-)-Cathinone, N-trimethylsilyl-

Other names:	Cathinone, tms derivative
Inchi:	InChI=1S/C12H19NOSi/c1-10(13-15(2,3)4)12(14)11-8-6-5-7-9-11/h5-10,13H,1-4H3
InchiKey:	VHQPJM0EFVVQOQ-UHFFFAOYSA-N
Formula:	C12H19NOSi
SMILES:	CC(N[Si](C)(C)C)C(=O)c1ccccc1
Mol. weight [g/mol]:	221.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.16		Crippen Method
logp	2.682		Crippen Method
rinpol	1474.30		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352957&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

Latest version available from:

<https://www.chemeo.com/cid/25-251-5/S-Cathinone-N-trimethylsilyl.pdf>

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