

Silylamine, 1,1,1-trimethyl-N-(«alpha»-methylphenethyl)-

Other names:	Amphetamine TMS (.+/-)-Amphetamine, N-trimethylsilyl-
Inchi:	InChI=1S/C12H21NSi/c1-11(13-14(2,3)4)10-12-8-6-5-7-9-12/h5-9,11,13H,10H2,1-4H3
InchiKey:	IGGUCRXZVNSOMJ-UHFFFAOYSA-N
Formula:	C12H21NSi
SMILES:	CC(Cc1ccccc1)N[Si](C)(C)C
Mol. weight [g/mol]:	207.39
CAS:	14629-65-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.30		Crippen Method
logp	3.042		Crippen Method
rinpol	1297.60		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14629653&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/93-707-4/Silylamine-1-1-1-trimethyl-N-alpha-methylphenethyl.pdf>

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