(+)-Methamphetamine, N-trimethylsilyl-

Other names:	(+)-Methamphetamine,tms derivative
Inchi:	InChI=1S/C13H23NSi/c1-12(14(2)15(3,4)5)11-13-9-7-6-8-10-13/h6-10,12H,11H2,1-5H3
InchiKey:	NUTIXYUHENBVIH-UHFFFAOYSA-N
Formula:	C13H23NSi
SMILES:	CC(Cc1ccccc1)N(C)[Si](C)(C)C
Mol. weight [g/mol]:	221.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.10		Crippen Method
logp	3.384		Crippen Method
rinpol	1395.40		NIST Webbook
rinpol	1395.40		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=U352960&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/90-730-1/Methamphetamine-N-trimethylsilyl.pdf
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