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/ci990307l
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