(+)-Methamphetamine, N-(tert-butyldimethylsilyl)-

Other names: (+)-Methamphetamine, tbdms derivative
Inchi: InChI=1S/C16H29NSi/c1-14(13-15-11-9-8-10-12-15)17(5)18(6,7)16(2,3)4/h8-12,14H,13H
InchiKey: CUVVOXINMNKFIY-UHFFFAOYSA-N
Formula: C16H29NSi
SMILES: CC(Cc1ccccc1)N(C)[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 263.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	4.555		Crippen Method
rinpol	1677.60		NIST Webbook
rinpol	1677.60		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=U352959&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices