trans-2-Phenylcyclopropylamine, N-tert-butyldimethylsilyl-

Other names: [tert-Butyl(dimethyl)silyl][(1R,2S)-2-phenylcyclopropyl]amine
Tranylcypromine, tbdms derivative
Inchi: InChI=1S/C15H25NSi/c1-15(2,3)17(4,5)16-14-11-13(14)12-9-7-6-8-10-12/h6-10,13-14,16
InchiKey: QKDHEYOIMNJVEN-UHFFFAOYSA-N
Formula: C15H25NSi
SMILES: CC(C)(C)[Si](C)(C)NC1CC1c1ccccc1
Mol. weight [g/mol]: 247.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	4.137		Crippen Method
rinpol	1676.10		NIST Webbook
rinpol	1676.10		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333961&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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