

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

Latest version available from:

<https://www.chemeo.com/cid/75-103-4/trans-2-Phenylcyclopropylamine-N-tert-butyldimethylsilyl.pdf>

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