Silanamine, 1,1,1-trimethyl-N-(2-phenylethyl)-N-(trimethylsilyl)

Other names: Phenylethylamine, bis-TMS
Inchi: InChI=1S/C14H27NSi2/c1-16(2,3)15(17(4,5)6)13-12-14-10-8-7-9-11-14/h7-11H,12-13H2
InchiKey: ZMJNXPQHDGIESY-UHFFFAOYSA-N
Formula: C14H27NSi2
SMILES: C[Si](C)(C)N(CCc1ccccc1)[Si](C)(C)C
Mol. weight [g/mol]: 265.54
CAS: 58367-45-6

Physical Properties

Property code	Value	Unit	Source
log10ws	0.54		Crippen Method
logp	4.201		Crippen Method
rinpol	1568.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C58367456&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