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

Other names:	Silylamine, 1,1,1-trimethyl-N-phenethyl- Silanamine, N-(2-phenylethyl)-1,1,1-trimethyl- N-(2-Phenylethyl)-1,1,1-trimethylsilanamine Phenethylamine, tms derivative
Inchi:	InChI=1S/C11H19NSi/c1-13(2,3)12-10-9-11-7-5-4-6-8-11/h4-8,12H,9-10H2,1-3H3
InchiKey:	IJDNGNISLLHUCN-UHFFFAOYSA-N
Formula:	C11H19NSi
SMILES:	C[Si](C)(C)NCCc1ccccc1
Mol. weight [g/mol]:	193.36
CAS:	10433-33-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.77		Crippen Method
logp	2.654		Crippen Method
rinpol	1280.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10433337&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