

# 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(Cc1ccccc1)[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:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C58367456&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C58367456&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## 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/78-536-1/Silanamine-1-1-1-trimethyl-N-2-phenylethyl-N-trimethylsilyl.pdf>

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