

Silanamine, 1,1,1-trimethyl-N-[2-[4-[(trimethylsilyl)oxy]phenyl]

Other names:	Phenylethanolamine, N-di(trimethylsilyl)- Tyramine, N,O-bis(TMS)- Tyramine, TMS Tyramine, di-TMS Tyramine, 2tms derivative
Inchi:	InChI=1S/C14H27NOSi2/c1-17(2,3)15-12-11-13-7-9-14(10-8-13)16-18(4,5)6/h7-10,15H,1
InchiKey:	FQAUAFIKCXKXES-UHFFFAOYSA-N
Formula:	C14H27NOSi2
SMILES:	<chem>C[Si](C)(C)NCCc1ccc(O[Si](C)(C)C)cc1</chem>
Mol. weight [g/mol]:	281.54
CAS:	54965-31-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.22		Crippen Method
logp	3.867		Crippen Method
rinpol	1653.00		NIST Webbook
rinpol	1630.00		NIST Webbook
rinpol	1653.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C54965310&Units=SI

Legend

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

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