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: C[Si](C)(C)NCCc1ccc(O[Si](C)(C)C)cc1

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