3,4-Dimethoxyphenylthylamine, N,N-bis(trimethylsilyl)-

Other names: Benzeneethanamine, 3,4-dimethoxy, di-TMS
3,4-Dimethoxyphenylethylamine, bis-TMS
3,4-Dimethoxyphenethylamine, 2tms derivative

Inchi: InChI=1S/C16H31NO2Si2/c1-18-15-10-9-14(13-16(15)19-2)11-12-17(20(3,4)5)21(6,7)8/h

InchiKey: NUORFFQMYGHTFG-UHFFFAOYSA-N

Formula: C16H31NO2Si2

SMILES: COc1ccc(CCN([Si](C)(C)C)[Si](C)(C)C)cc1OC

Mol. weight [g/mol]: 325.59

Physical Properties

Property code	Value	Unit	Source
log10ws	0.30		Crippen Method
logp	4.218		Crippen Method
rinpol	1978.00		NIST Webbook
rinpol	1995.80		NIST Webbook
rinpol	1978.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333951&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