

# 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/ci9903071>

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](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

Latest version available from:

<https://www.chemeo.com/cid/25-977-0/3-4-Dimethoxyphenylthylamine-N-N-bis-trimethylsilyl.pdf>

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