

# Trimethylsilyl O-(trimethylsilyl)isohomovanillate

Other names:

Benzeneacetic acid, 3-hydroxy-4-methoxy, bis-TMS

Benzeneacetic acid, 4-methoxy-3-[(trimethylsilyl)oxy]-, trimethylsilyl ester

Benzeneacetic acid, 3-hydroxy-4-methoxy, TMS

Inchi:

InChI=1S/C15H26O4Si2/c1-17-13-9-8-12(10-14(13)18-20(2,3)4)11-15(16)19-21(5,6)7/h8

InchiKey:

IFNJBUFMVPFOLL-UHFFFAOYSA-N

Formula:

C15H26O4Si2

SMILES:

COc1ccc(CC(=O)O[Si](C)(C)C)cc1O[Si](C)(C)C

Mol. weight [g/mol]:

326.54

CAS:

321884-12-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.43		Crippen Method
logp	3.829		Crippen Method
rinpol	1757.00		NIST Webbook
rinpol	1757.00		NIST Webbook

## Sources

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)

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C321884122&Units=SI>

## 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/47-681-4/Trimethylsilyl-O-trimethylsilyl-isohomovanillate.pdf>

Generated by Cheméo on 2024-04-28 09:20:50.374095459 +0000 UTC m=+16585299.294672775.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.