

Vanillyl alcohol, bis(trimethylsilyl)- deriv.

Other names:

Vanillyl alcohol, bis(trimethylsilyl)-
(2-Methoxy-4-([(trimethylsilyl)oxy]methyl)phenoxy)(trimethyl)silane
Benzenemethanol, 4-hydroxy-3-methoxy, bis-TMS
Vanillic alcohol, di-TMS
Vanillic alcohol, TMS
Vanillyl alcohol, 2tms derivative

Inchi:

InChI=1S/C14H26O3Si2/c1-15-14-10-12(11-16-18(2,3)4)8-9-13(14)17-19(5,6)7/h8-10H,1

InchiKey:

ZBFHUPIBELOLII-UHFFFAOYSA-N

Formula:

C14H26O3Si2

SMILES:

COc1cc(CO[Si](C)(C)C)ccc1O[Si](C)(C)C

Mol. weight [g/mol]:

298.53

CAS:

33740-07-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.13		Crippen Method
logp	4.260		Crippen Method
rinpol	1633.00		NIST Webbook
rinpol	1632.00		NIST Webbook
rinpol	1633.00		NIST Webbook

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C33740077&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.cheméo.com/cid/20-793-9/Vanillyl-alcohol-bis-trimethylsilyl-deriv.pdf>

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