

# 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

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C33740077&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

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