

Methyl vanillate, tert-butyldimethylsilyl ether

Other names:	Methyl vanillate, tbdms derivative
Inchi:	InChI=1S/C15H24O4Si/c1-15(2,3)20(6,7)19-12-9-8-11(14(16)18-5)10-13(12)17-4/h8-10H
InchiKey:	WBSQNYXXLMWAPF-UHFFFAOYSA-N
Formula:	C15H24O4Si
SMILES:	<chem>COC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)c(OC)c1</chem>
Mol. weight [g/mol]:	296.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	3.866		Crippen Method
rinpol	1903.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352870&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/93-406-8/Methyl-vanillate-tert-butyldimethylsilyl-ether.pdf>

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