

2-Hydroxy-3-methoxybenzaldehyde, trimethylsilyl ether

Other names:	O-vanillin, tms derivative
Inchi:	InChI=1S/C11H16O3Si/c1-13-10-7-5-6-9(8-12)11(10)14-15(2,3)4/h5-8H,1-4H3
InchiKey:	NVFQNB MOSVRDKT-UHFFFAOYSA-N
Formula:	C11H16O3Si
SMILES:	COc1cccc(C=O)c1O[Si](C)(C)C
Mol. weight [g/mol]:	224.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	2.721		Crippen Method
rinsol	1540.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352863&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinsol:	Non-polar retention indices

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<https://www.chemeo.com/cid/95-128-5/2-Hydroxy-3-methoxybenzaldehyde-trimethylsilyl-ether.pdf>

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