

2-Hydroxy-4-methoxybenzaldehyde, trimethylsilyl ether

Other names:	2-Hydroxy-4-methoxybenzaldehyde, tms derivative
Inchi:	InChI=1S/C11H16O3Si/c1-13-10-6-5-9(8-12)11(7-10)14-15(2,3)4/h5-8H,1-4H3
InchiKey:	ZVXRGSDDMVCMAC-UHFFFAOYSA-N
Formula:	C11H16O3Si
SMILES:	COc1ccc(C=O)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	224.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	2.721		Crippen Method
rinpol	1607.80		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=U352924&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/95-129-4/2-Hydroxy-4-methoxybenzaldehyde-trimethylsilyl-ether.pdf>

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