

Benzaldehyde, 3-hydroxy-4-methoxy, oxime, bis-TMS

Inchi:	InChI=1S/C14H25NO3Si2/c1-16-13-9-8-12(11-15-18-20(5,6)7)10-14(13)17-19(2,3)4/h8-
InchiKey:	KXIFPSVQINTTFD-UHFFFAOYSA-N
Formula:	C14H25NO3Si2
SMILES:	COc1ccc(C=NO[Si](C)(C)C)cc1O[Si](C)(C)C
Mol. weight [g/mol]:	311.52

Physical Properties

Property code	Value	Unit	Source
log10ws	0.37		Crippen Method
logp	4.094		Crippen Method
rinpol	1772.00		NIST Webbook
rinpol	1772.00		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=R100057&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.chemeo.com/cid/53-260-4/Benzaldehyde-3-hydroxy-4-methoxy-oxime-bis-TMS.pdf>

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