Benzaldehyde, 2-hydroxy-3-methoxy, oxime, bis-TMS

Inchi: InChI=1S/C14H25NO3Si2/c1-16-13-10-8-9-12(11-15-18-20(5,6)7)14(13)17-19(2,3)4/h8-1

InchiKey: MGBXSWOUUGJUMM-UHFFFAOYSA-N

Formula: C14H25NO3Si2

SMILES: COc1cccc(C=NO[Si](C)(C)C)c1O[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	1719.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R99991&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/52-142-6/Benzaldehyde-2-hydroxy-3-methoxy-oxime-bis-TMS.pdf

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