

Benzaldehyde, 2-hydroxy, 5-methyl, oxime, TMS

Inchi: InChI=1S/C14H25NO2Si2/c1-12-8-9-14(16-18(2,3)4)13(10-12)11-15-17-19(5,6)7/h8-11H
InchiKey: RCKYJSIYKUHRHK-UHFFFAOYSA-N
Formula: C14H25NO2Si2
SMILES: Cc1ccc(O[Si](C)(C)C)c(C=NO[Si](C)(C)C)c1
Mol. weight [g/mol]: 295.52

Physical Properties

Property code	Value	Unit	Source
log10ws	0.01		Crippen Method
logp	4.394		Crippen Method
rinpol	1627.00		NIST Webbook
rinpol	1627.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R58315&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/68-007-9/Benzaldehyde-2-hydroxy-5-methyl-oxime-TMS.pdf>

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