

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

Inchi: InChI=1S/C15H27NO3Si2/c1-12(16-19-21(6,7)8)13-9-10-14(15(11-13)17-2)18-20(3,4)5/H
InchiKey: CUHGNNLCZOBUSCD-VBKFSLOCSA-N
Formula: C15H27NO3Si2
SMILES: COc1cc(C(C)=NO[Si](C)(C)C)ccc1O[Si](C)(C)C
Mol. weight [g/mol]: 325.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.05		Crippen Method
logp	4.484		Crippen Method
rinpol	1805.00		NIST Webbook
rinpol	1805.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R99937&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/42-244-4/Acetophenone-4-hydroxy-3-methoxy-oxime-bis-TMS.pdf>

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