

Benzaldehyde, 3,4-dihydroxy, oxime, tris-TMS

Inchi: InChI=1S/C16H31NO3Si3/c1-21(2,3)18-15-11-10-14(13-17-20-23(7,8)9)12-16(15)19-22(16,20)
InchiKey: JUCULFXTEOCSAH-GHRIWEEISA-N
Formula: C16H31NO3Si3
SMILES: C[Si](C)(C)ON=Cc1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]: 369.68

Physical Properties

Property code	Value	Unit	Source
log10ws	1.48		Crippen Method
logp	5.299		Crippen Method
rinpol	1850.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R100037&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/53-858-1/Benzaldehyde-3-4-dihydroxy-oxime-tris-TMS.pdf>

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