

# Benzaldehyde, 2-hydroxy, 5-hexyl, oxime, TMS

**Inchi:** InChI=1S/C19H35NO2Si2/c1-8-9-10-11-12-17-13-14-19(21-23(2,3)4)18(15-17)16-20-22-23  
**InchiKey:** MCMYGVJZXCNNID-UHFFFAOYSA-N  
**Formula:** C19H35NO2Si2  
**SMILES:** CCCCCC1ccc(O[Si](C)(C)C)c(C=NO[Si](C)(C)C)c1  
**Mol. weight [g/mol]:** 365.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.99		Crippen Method
logp	6.208		Crippen Method
rinpol	2031.00		NIST Webbook
rinpol	2031.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R58301&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/21-994-5/Benzaldehyde-2-hydroxy-5-hexyl-oxime-TMS.pdf>

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