

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

Inchi: InChI=1S/C17H31NO2Si2/c1-8-9-10-15-11-12-17(19-21(2,3)4)16(13-15)14-18-20-22(5,6)
InchiKey: VKUALMGGXUOSFI-NBVRZTHBSA-N
Formula: C17H31NO2Si2
SMILES: CCCCc1ccc(O[Si](C)(C)C)c(C=NO[Si](C)(C)C)c1
Mol. weight [g/mol]: 337.60

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.15 | | Crippen Method |
| logp | 5.428 | | Crippen Method |
| rinpol | 1852.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R58276&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.cheméo.com/cid/33-222-8/Benzaldehyde-2-hydroxy-5-butyl-oxime-TMS.pdf>

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