

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

Inchi: InChI=1S/C17H31NO2Si2/c1-17(2,3)15-10-11-16(19-21(4,5)6)14(12-15)13-18-20-22(7,8)
InchiKey: GOZIHVVDODKHFG-QGOAFFKASA-N
Formula: C17H31NO2Si2
SMILES: CC(C)(C)c1ccc(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	-0.83		Crippen Method
logp	5.383		Crippen Method
rinpol	1763.00		NIST Webbook
rinpol	1762.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R58244&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/10-325-9/Benzaldehyde-2-hydroxy-5-tert-butyl-oxime-TMS.pdf>

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