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

Inchi: InChI=1S/C21H39NO2Si2/c1-20(2,3)16-21(4,5)18-12-13-19(23-25(6,7)8)17(14-18)15-22

InchiKey: FGXZASAAJUOKDZ-PXLXIMEGSA-N

Formula: C21H39NO2Si2

SMILES: CC(C)(C)CC(C)(C)c1ccc(O[Si](C)(C)C)c(C=NO[Si](C)(C)C)c1

Mol. weight [g/mol]: 393.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.26		Crippen Method
logp	6.799		Crippen Method
rinpol	1995.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R58347&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

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https://www.chemeo.com/cid/38-933-4/Benzaldehyde-2-hydroxy-5-tert-octyl-oxime-TMS.pdf

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