Benzaldehyde, 2-hydroxy, 3,5-bis-tert.-butyl, oxime, TMS

Inchi: InChI=1S/C21H39NO2Si2/c1-20(2,3)17-13-16(15-22-24-26(10,11)12)19(23-25(7,8)9)18(

InchiKey: GWVUBDVUTDIZEG-PXLXIMEGSA-N

Formula: C21H39NO2Si2

SMILES: CC(C)(C)c1cc(C=NO[Si](C)(C)C)c(O[Si](C)(C)C)c(C(C)(C)C)c1

Mol. weight [g/mol]: 393.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	6.681		Crippen Method
rinpol	1937.00		NIST Webbook
rinpol	1937.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R58226&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