Benzaldehyde, 2-hydroxy, oxime, bis-TMS

Other names: Benzaldehyde, 2-hydroxy, oxime, TMS
Inchi: InChI=1S/C13H23NO2Si2/c1-17(2,3)15-13-10-8-7-9-12(13)11-14-16-18(4,5)6/h7-11H,1-
InchiKey: FDGZOPGIGYPOQJ-UHFFFAOYSA-N
Formula: C13H23NO2Si2
SMILES: C[Si](C)(C)ON=Cc1ccccc1O[Si](C)(C)C
Mol. weight [g/mol]: 281.50

Physical Properties

Property code	Value	Unit	Source
log10ws	0.49		Crippen Method
logp	4.086		Crippen Method
rinpol	1560.00		NIST Webbook
rinpol	1550.00		NIST Webbook
rinpol	1560.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R58351&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