

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

Latest version available from:

<https://www.chemeo.com/cid/60-368-7/Benzaldehyde-2-hydroxy-oxime-bis-TMS.pdf>

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