

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

Inchi:	InChI=1S/C14H22O2Si/c1-14(2,3)12-7-8-13(11(9-12)10-15)16-17(4,5)6/h7-10H,1-6H3
InchiKey:	FOCILRHLGMBBTG-UHFFFAOYSA-N
Formula:	C14H22O2Si
SMILES:	CC(C)(C)c1ccc(O[Si](C)(C)C)c(C=O)c1
Mol. weight [g/mol]:	250.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.03		Crippen Method
logp	4.010		Crippen Method
rinpol	1882.00		NIST Webbook
rinpol	1882.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R58333&Units=SI

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/25-966-2/Benzaldehyde-2-hydroxy-5-tert-butyl-TMS.pdf>

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