

Benzaldehyde, 2-hydroxy, 3-chloro-5-tert.-octyl, oxime, TMS

Inchi: InChI=1S/C21H38ClNO2Si2/c1-20(2,3)15-21(4,5)17-12-16(14-23-25-27(9,10)11)19(18(2
InchiKey: KNOHPLJYSYEMDF-OEAKJJBVSA-N
Formula: C21H38ClNO2Si2
SMILES: CC(C)(C)CC(C)(C)c1cc(Cl)c(O[Si](C)(C)C)c(C=NO[Si](C)(C)C)c1
Mol. weight [g/mol]: 428.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	7.453		Crippen Method
rinpol	2105.00		NIST Webbook
rinpol	2107.00		NIST Webbook
rinpol	2105.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R58230&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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