

Silane, (3-chlorophenoxy)dimethyl(butoxydimethylsilyl

Inchi: InChI=1S/C14H25ClO3Si2/c1-6-7-11-16-19(2,3)18-20(4,5)17-14-10-8-9-13(15)12-14/h8-
InchiKey: JZURVKYMXDUCHX-UHFFFAOYSA-N
Formula: C14H25ClO3Si2
SMILES: CCCCOSi(C)(C)OSi(C)(C)Oc1ccc(Cl)c1
Mol. weight [g/mol]: 332.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.65		Crippen Method
logp	4.956		Crippen Method
rinpol	1695.00		NIST Webbook
rinpol	1695.00		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=U346893&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/124-261-4/Silane-3-chlorophenoxy-dimethyl-butoxydimethylsilyloxy.pdf>

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