

Silane, (3-chlorophenoxy)dimethyl(ethoxydimethylsilyloxy)

Inchi: InChI=1S/C12H21ClO3Si2/c1-6-14-17(2,3)16-18(4,5)15-12-9-7-8-11(13)10-12/h7-10H,6H,1H
InchiKey: PWHJVXZYJVAQQF-UHFFFAOYSA-N
Formula: C12H21ClO3Si2
SMILES: CCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 304.92

Physical Properties

Property code	Value	Unit	Source
log10ws	0.19		Crippen Method
logp	4.175		Crippen Method
rinpol	1520.00		NIST Webbook
rinpol	1520.00		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=U346891&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/124-260-5/Silane-3-chlorophenoxy-dimethyl-ethoxydimethylsilyloxy.pdf>

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