

Silane, (3-chlorophenoxy)dimethyl(propoxydimethylsilyloxy)

Inchi: InChI=1S/C13H23ClO3Si2/c1-6-10-15-18(2,3)17-19(4,5)16-13-9-7-8-12(14)11-13/h7-9,1
InchiKey: FXPKZLBMIKSNKP-UHFFFAOYSA-N
Formula: C13H23ClO3Si2
SMILES: CCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 318.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.23		Crippen Method
logp	4.566		Crippen Method
rinpol	1599.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346892&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/14-579-4/Silane-3-chlorophenoxy-dimethyl-propoxydimethylsilyloxy.pdf>

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