

Silane, (3-chlorophenoxy)dimethyl(pentyloxydimethylsilyloxy)silane

Inchi: InChI=1S/C15H27ClO3Si2/c1-6-7-8-12-17-20(2,3)19-21(4,5)18-15-11-9-10-14(16)13-15/
InchiKey: LMRXAPGLJLTCJP-UHFFFAOYSA-N
Formula: C15H27ClO3Si2
SMILES: CCCCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 347.00

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.07		Crippen Method
logp	5.346		Crippen Method
rinpol	1791.00		NIST Webbook
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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=U346894&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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<https://www.cheméo.com/cid/124-256-0/Silane-3-chlorophenoxy-dimethyl-pentyloxydimethylsilyloxy.pdf>

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