

Silane, dimethyl(3-chlorophenoxy)pentyloxy-

Inchi: InChI=1S/C13H21ClO2Si/c1-4-5-6-10-15-17(2,3)16-13-9-7-8-12(14)11-13/h7-9,11H,4-6,10-12H2
InchiKey: AATCBCVRZAKPKL-UHFFFAOYSA-N
Formula: C13H21ClO2Si
SMILES: CCCCCO[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 272.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.51		Crippen Method
logp	4.627		Crippen Method
rinpol	1608.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347203&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/37-620-2/Silane-dimethyl-3-chlorophenoxy-pentyloxy.pdf>

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