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,4-6,1

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