

Silane, (3-chlorophenoxy)dimethyl(hexyloxydimethylsilyloxy)

Inchi: InChI=1S/C16H29ClO3Si2/c1-6-7-8-9-13-18-21(2,3)20-22(4,5)19-16-12-10-11-15(17)14-
InchiKey: BBDVEAIFJPRMJM-UHFFFAOYSA-N
Formula: C16H29ClO3Si2
SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 361.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.48		Crippen Method
logp	5.736		Crippen Method
rinpol	1886.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346896&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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