Silane, (3-chlorophenyloxy)dimethyloctyloxy-

Inchi: InChI=1S/C16H27ClO2Si/c1-4-5-6-7-8-9-13-18-20(2,3)19-16-12-10-11-15(17)14-16/h10-
InchiKey: VHYGEAVJWIINQC-UHFFFAOYSA-N
Formula: C16H27ClO2Si
SMILES: CCCCCCCCO[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 314.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.76		Crippen Method
logp	5.798		Crippen Method
rinpol	1960.00		NIST Webbook
rinpol	1960.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346881&Units=SI

Legend

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