1-Chloro-2-octyldimethylsilyloxybenzene

Inchi: InChI=1S/C16H27ClOSi/c1-4-5-6-7-8-11-14-19(2,3)18-16-13-10-9-12-15(16)17/h9-10,12
InchiKey: IWWMBINWWOLOHZ-UHFFFAOYSA-N
Formula: C16H27ClOSi
SMILES: CCCCCCCC[Si](C)(C)Oc1ccccc1Cl
Mol. weight [g/mol]: 298.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	6.284		Crippen Method
rinpol	1872.00		NIST Webbook
rinpol	1872.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299068&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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