Silane, diphenyldi(8-chloroctyloxy)-

Inchi: InChI=1S/C28H42Cl2O2Si/c29-23-15-5-1-3-7-17-25-31-33(27-19-11-9-12-20-27,28-21-1
InchiKey: OMASHNLJDBQEQQ-UHFFFAOYSA-N
Formula: C28H42Cl2O2Si
SMILES: ClCCCCCCCCCO[Si](OCCCCCCCCCCl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 509.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.82		Crippen Method
logp	7.435		Crippen Method
rinpol	3468.00		NIST Webbook
rinpol	3468.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367523&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