

Silane, diphenyl(8-chlorooctyloxy)pentyl-oxo-

Inchi: InChI=1S/C25H37ClO2Si/c1-2-3-15-22-27-29(24-17-10-8-11-18-24,25-19-12-9-13-20-25)
InchiKey: KWATWTJECAJWGG-UHFFFAOYSA-N
Formula: C₂₅H₃₇ClO₂Si
SMILES: CCCCCO[Si](OCCCCCCCCCl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 433.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.41		Crippen Method
logp	6.046		Crippen Method
rinpol	2799.00		NIST Webbook
rinpol	2799.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367516&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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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