

Silane, diphenyl(8-chlorooctyloxy)heptyloxy-

Inchi: InChI=1S/C27H41ClO2Si/c1-2-3-4-8-17-24-29-31(26-19-12-10-13-20-26,27-21-14-11-15)
InchiKey: DWMUSPYMPIWKSH-UHFFFAOYSA-N
Formula: C27H41ClO2Si
SMILES: CCCCCCO[Si](OCCCCCCCCCl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 461.15

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.25		Crippen Method
logp	6.826		Crippen Method
rinpol	3002.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367519&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

Latest version available from:

<https://www.cheméo.com/cid/36-269-4/Silane-diphenyl-8-chlorooctyloxy-heptyloxy.pdf>

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