

Silane, diphenyl(2-chloropropoxy)dodecyloxy-

Inchi: InChI=1S/C27H41ClO2Si/c1-3-4-5-6-7-8-9-10-11-18-23-29-31(30-24-25(2)28,26-19-14-1
InchiKey: UDDIUGNGEVFHLK-UHFFFAOYSA-N
Formula: C27H41ClO2Si
SMILES: CCCCCCCCCCO[Si](OCC(C)Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 461.15

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.36		Crippen Method
logp	6.824		Crippen Method
rinpol	2919.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367552&Units=SI>

Legend

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

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