

Silane, dimethyl(2,3-dichlorophenoxy)hexadecyloxy-

Inchi: InChI=1S/C24H42Cl2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-21-27-29(2,3)28-23-
InchiKey: KSYNHWCMHUERNZ-UHFFFAOYSA-N
Formula: C24H42Cl2O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc(Cl)c1Cl
Mol. weight [g/mol]: 461.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.80		Crippen Method
logp	9.572		Crippen Method
rinpol	2913.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347329&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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.chemeo.com/cid/95-649-7/Silane-dimethyl-2-3-dichlorophenoxy-hexadecyloxy.pdf>

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