

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

Inchi: InChI=1S/C25H44Cl2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-28-30(2,3)29-
InchiKey: UAXZOHIOHWYTEK-UHFFFAOYSA-N
Formula: C25H44Cl2O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(Cl)c1Cl
Mol. weight [g/mol]: 475.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	9.962		Crippen Method
rinpol	3021.00		NIST Webbook
rinpol	3021.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347330&Units=SI>

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/27-269-4/Silane-dimethyl-2-3-dichlorophenoxy-heptadecyloxy.pdf>

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