

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

Inchi: InChI=1S/C26H46Cl2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-23-29-31(2,3)
InchiKey: VNHRETSDJGIIQX-UHFFFAOYSA-N
Formula: C₂₆H₄₆Cl₂O₂Si
SMILES: CCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc(Cl)c1Cl
Mol. weight [g/mol]: 489.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.63		Crippen Method
logp	10.352		Crippen Method
rinsol	3135.00		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=U347331&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/21-590-3/Silane-dimethyl-2-3-dichlorophenoxy-octadecyloxy.pdf>

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