

Silane, dimethyl(3,4,5-trichlorophenoxy)hexadecyloxy-

Inchi: InChI=1S/C24H41Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-28-30(2,3)29-21-
InchiKey: BUXIPJKNAUPDLJ-UHFFFAOYSA-N
Formula: C24H41Cl3O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 496.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.48		Crippen Method
logp	10.225		Crippen Method
rinpol	3046.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347456&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/29-864-1/Silane-dimethyl-3-4-5-trichlorophenoxy-hexadecyloxy.pdf>

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