Silane, dimethyl(3,5-dichlorophenoxy)docosyloxy-

Inchi: InChI=1S/C30H54Cl2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-2

InchiKey: SKLSLAZLAHPTBK-UHFFFAOYSA-N

Formula: C30H54Cl2O2Si

SMILES: CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1

Mol. weight [g/mol]: 545.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.31		Crippen Method
logp	11.912		Crippen Method
rinpol	3558.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347526&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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https://www.chemeo.com/cid/78-071-7/Silane-dimethyl-3-5-dichlorophenoxy-docosyloxy.pdf

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