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

Inchi: InChI=1S/C25H43Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-29-31(2,3)30-

InchiKey: XNZWVUCXRYHLMO-UHFFFAOYSA-N

Formula: C25H43Cl3O2Si

SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1

Mol. weight [g/mol]: 510.05

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.90		Crippen Method
logp	10.615		Crippen Method
rinpol	3158.00		NIST Webbook
rinpol	3158.00		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347457&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/37-332-2/Silane-dimethyl-3-4-5-trichlorophenoxy-heptadecyloxy.pdf

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