

Silane, diethyl(2,3,6-trichlorophenoxy)undecyloxy-

Inchi: InChI=1S/C21H35Cl3O2Si/c1-4-7-8-9-10-11-12-13-14-17-25-27(5-2,6-3)26-21-19(23)16-
InchiKey: FJVVMEVNLMHFEV-UHFFFAOYSA-N
Formula: C21H35Cl3O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1c(Cl)ccc(Cl)c1Cl
Mol. weight [g/mol]: 453.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.23		Crippen Method
logp	9.055		Crippen Method
rinpol	2723.00		NIST Webbook
rinpol	2723.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363404&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/124-937-4/Silane-diethyl-2-3-6-trichlorophenoxy-undecyloxy.pdf>

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