

Silane, diethyltetradecyloxy(2,4,5-trichlorophenoxy)-

Inchi: InChI=1S/C24H41Cl3O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-28-30(5-2,6-3)29-24-
InchiKey: RZRAHHISZQLSSH-UHFFFAOYSA-N
Formula: C24H41Cl3O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)Oc1cc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]: 496.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.48		Crippen Method
logp	10.225		Crippen Method
rinpol	3000.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363360&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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