

Silane, diethyldodecyloxy(pentachlorophenoxy)-

Inchi: InChI=1S/C22H35Cl5O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-28-30(5-2,6-3)29-22-20(26)
InchiKey: SHHIIIITDWCHN-UHFFFAOYSA-N
Formula: C22H35Cl5O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl
Mol. weight [g/mol]: 536.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.02		Crippen Method
logp	10.752		Crippen Method
rmpol	3168.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363392&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/58-314-9/Silane-diethyldodecyloxy-pentachlorophenoxy.pdf>

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