

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

Inchi: InChI=1S/C20H33Cl3O2Si/c1-4-7-8-9-10-11-12-13-14-24-26(5-2,6-3)25-20-16-18(22)17
InchiKey: CYGVUBOAJHQHAH-UHFFFAOYSA-N
Formula: C20H33Cl3O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)Oc1cc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]: 439.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.81		Crippen Method
logp	8.665		Crippen Method
rinpol	2579.00		NIST Webbook
rinpol	2579.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363357&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/114-067-1/Silane-diethyldecyloxy-2-4-5-trichlorophenoxy.pdf>

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