

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

Inchi: InChI=1S/C20H33Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-24-26(2,3)25-17-15-18(21)20
InchiKey: KUFJKNVDDPICLR-UHFFFAOYSA-N
Formula: C20H33Cl3O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 439.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.81		Crippen Method
logp	8.665		Crippen Method
rinpol	2680.00		NIST Webbook
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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=U347452&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/48-946-9/Silane-dimethyl-3-4-5-trichlorophenoxy-dodecyloxy.pdf>

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