

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

Inchi: InChI=1S/C26H45Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-30-32(2,3)
InchiKey: ZUPQNOPLGLILLC-UHFFFAOYSA-N
Formula: C26H45Cl3O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 524.08

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.32		Crippen Method
logp	11.005		Crippen Method
rinpol	3272.00		NIST Webbook
rinpol	3272.00		NIST Webbook

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=U347458&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/116-957-1/Silane-dimethyl-3-4-5-trichlorophenoxy-octadecyloxy.pdf>

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