

Silane, dimethyl(2,5-dichlorophenoxy)tridecyloxy-

Inchi: InChI=1S/C21H36Cl2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-17-24-26(2,3)25-21-18-19(22)
InchiKey: VEHMEVWAJQCPSL-UHFFFAOYSA-N
Formula: C₂₁H₃₆Cl₂O₂Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)ccc1Cl
Mol. weight [g/mol]: 419.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.54		Crippen Method
logp	8.402		Crippen Method
rinpol	2543.00		NIST Webbook
rinpol	2543.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347375&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/18-812-0/Silane-dimethyl-2-5-dichlorophenoxy-tridecyloxy.pdf>

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