

Silane, dimethyl(2-chlorophenoxy)docosyloxy-

Inchi: InChI=1S/C30H55ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-25-28
InchiKey: MVRWRNXAQCSFK-UHFFFAOYSA-N
Formula: C30H55ClO2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccccc1Cl
Mol. weight [g/mol]: 511.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.62		Crippen Method
logp	11.259		Crippen Method
rinpol	3381.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347084&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/21-422-9/Silane-dimethyl-2-chlorophenoxy-docosyloxy.pdf>

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