

Silane, (3-chlorophenoxy)dimethyldocosyloxy-

Inchi: InChI=1S/C30H55ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24
InchiKey: WDBNWVVUASZIKS-UHFFFAOYSA-N
Formula: C30H55ClO2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 511.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.62		Crippen Method
logp	11.259		Crippen Method
rinpol	3426.00		NIST Webbook
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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=U346889&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/118-114-4/Silane-3-chlorophenoxy-dimethyldocosyloxy.pdf>

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