

Silane, dimethyl(2-chlorophenoxy)undecyloxy-

Inchi: InChI=1S/C19H33ClO2Si/c1-4-5-6-7-8-9-10-11-14-17-21-23(2,3)22-19-16-13-12-15-18(1)
InchiKey: BLRXGBHCZVUYSC-UHFFFAOYSA-N
Formula: C19H33ClO2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1ccccc1Cl
Mol. weight [g/mol]: 357.00

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.02		Crippen Method
logp	6.968		Crippen Method
rinpol	2210.00		NIST Webbook
rinpol	2210.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347076&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/50-412-8/Silane-dimethyl-2-chlorophenoxy-undecyloxy.pdf>

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