

Silane, dimethyl(2-chloro-5-methylphenoxy)octadecyloxy

Inchi: InChI=1S/C27H49ClO2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-23-29-31(3,4)
InchiKey: TVKAELYTMMVINX-UHFFFAOYSA-N
Formula: C27H49ClO2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(C)ccc1Cl
Mol. weight [g/mol]: 469.21

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.43		Crippen Method
logp	10.007		Crippen Method
rinpol	2979.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347557&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/55-490-7/Silane-dimethyl-2-chloro-5-methylphenoxy-octadecyloxy.pdf>

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