

Silane, dimethyl(2-chlorophenoxy)octyloxy-

Inchi: InChI=1S/C16H27ClO2Si/c1-4-5-6-7-8-11-14-18-20(2,3)19-16-13-10-9-12-15(16)17/h9-1
InchiKey: HDJJODLZUBAAEM-UHFFFAOYSA-N
Formula: C16H27ClO2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cccc1Cl
Mol. weight [g/mol]: 314.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.76		Crippen Method
logp	5.798		Crippen Method
rinpol	1920.00		NIST Webbook
rinpol	1920.00		NIST Webbook

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=U347074&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/115-582-8/Silane-dimethyl-2-chlorophenoxy-octyloxy.pdf>

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