

# Silane, dimethyl(2-chloro-5-methylphenoxy)heptyloxy-

<b>Inchi:</b>	InChI=1S/C16H27ClO2Si/c1-5-6-7-8-9-12-18-20(3,4)19-16-13-14(2)10-11-15(16)17/h10-
<b>InchiKey:</b>	BYQMDGIMHSUJSM-UHFFFAOYSA-N
<b>Formula:</b>	C16H27ClO2Si
<b>SMILES:</b>	CCCCCCO[Si](C)(C)Oc1cc(C)ccc1Cl
<b>Mol. weight [g/mol]:</b>	314.92

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.82		Crippen Method
logp	5.716		Crippen Method
rinpol	1895.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347549&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347549&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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