

# Silane, diethyl(4-chloro-2-methylphenoxy)heptyloxy-

<b>Inchi:</b>	InChI=1S/C18H31ClO2Si/c1-5-8-9-10-11-14-20-22(6-2,7-3)21-18-13-12-17(19)15-16(18)
<b>InchiKey:</b>	GYSYNVWHNDUENN-UHFFFAOYSA-N
<b>Formula:</b>	C18H31ClO2Si
<b>SMILES:</b>	CCCCCCO[Si](CC)(CC)Oc1ccc(Cl)cc1C
<b>Mol. weight [g/mol]:</b>	342.98

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.66		Crippen Method
logp	6.496		Crippen Method
rinpol	2097.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U363297&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U363297&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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