

# 1-(p-Chlorophenyl)silatrane

<b>Inchi:</b>	InChI=1S/C12H16ClNO3Si/c13-11-1-3-12(4-2-11)18-15-8-5-14(6-9-16-18)7-10-17-18/h1
<b>InchiKey:</b>	IKFVTMCLFHXPQF-UHFFFAOYSA-N
<b>Formula:</b>	C12H16ClNO3Si
<b>SMILES:</b>	Clc1ccc([Si]23OCCN(CCO2)CCO3)cc1
<b>Mol. weight [g/mol]:</b>	285.80
<b>CAS:</b>	29025-67-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.45		Crippen Method
logp	0.865		Crippen Method
rinpol	2343.00		NIST Webbook
rinpol	2343.00		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.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=C29025670&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C29025670&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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