

# Silane, chloro(p-chlorophenyl)-dimethyl-

<b>Other names:</b>	Dimethyl-n-chlorophenylchlorosilane
<b>Inchi:</b>	InChI=1S/C8H10Cl2Si/c1-11(2,10)8-5-3-7(9)4-6-8/h3-6H,1-2H3
<b>InchiKey:</b>	PNSSAIWWQLYKCCQ-UHFFFAOYSA-N
<b>Formula:</b>	C8H10Cl2Si
<b>SMILES:</b>	C[Si](C)(Cl)c1ccc(Cl)cc1
<b>Mol. weight [g/mol]:</b>	205.16
<b>CAS:</b>	825-92-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.14		Crippen Method
logp	2.991		Crippen Method
rinpol	1289.50		NIST Webbook
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## Sources

<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=C825923&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C825923&amp;Units=SI</a>
<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>

## 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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<https://www.chemeo.com/cid/49-955-8/Silane-chloro-p-chlorophenyl-dimethyl.pdf>

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