

# Dichlorodipentylsilane

<b>Inchi:</b>	InChI=1S/C10H22Cl2Si/c1-3-5-7-9-13(11,12)10-8-6-4-2/h3-10H2,1-2H3
<b>InchiKey:</b>	QCBOFFVPUUXQEA-UHFFFAOYSA-N
<b>Formula:</b>	C10H22Cl2Si
<b>SMILES:</b>	CCCCC[Si](Cl)(Cl)CCCC
<b>Mol. weight [g/mol]:</b>	241.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	5.287		Crippen Method
rinpol	1065.00		NIST Webbook
rinpol	1080.00		NIST Webbook
rinpol	1065.00		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=R139263&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R139263&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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