

# Hexyltrichlorosilane

<b>Other names:</b>	trichlorohexylsilane N-Hexyltrichlorosilane
<b>Inchi:</b>	InChI=1S/C6H13Cl3Si/c1-2-3-4-5-6-10(7,8)9/h2-6H2,1H3
<b>InchiKey:</b>	LFXJGGDONSCPOF-UHFFFAOYSA-N
<b>Formula:</b>	C6H13Cl3Si
<b>SMILES:</b>	CCCCCC[Si](Cl)(Cl)Cl
<b>Mol. weight [g/mol]:</b>	219.61
<b>CAS:</b>	928-65-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.01		Crippen Method
logp	4.222		Crippen Method
tb	464.50 ± 0.50	K	NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C928654&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C928654&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>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>tb:</b>	Normal Boiling Point Temperature

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