

# Silane, dichlorocyclohexylmethyl-

<b>Other names:</b>	Methylcyclohexyldichlorosilane CM8645 Cyclohexylmethyldichlorosilane dichlorocyclohexylmethylsilane
<b>Inchi:</b>	InChI=1S/C7H14Cl2Si/c1-10(8,9)7-5-3-2-4-6-7/h7H,2-6H2,1H3
<b>InchiKey:</b>	YUYHCACQLHNZLS-UHFFFAOYSA-N
<b>Formula:</b>	C7H14Cl2Si
<b>SMILES:</b>	C[Si](Cl)(Cl)C1CCCCC1
<b>Mol. weight [g/mol]:</b>	197.18
<b>CAS:</b>	5578-42-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.59		Crippen Method
logp	3.870		Crippen Method

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	356.00	K	2.00	NIST Webbook

## 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=C5578427&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5578427&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>tbrp:</b>	Boiling point at reduced pressure

Latest version available from:

<https://www.cheméo.com/cid/35-605-1/Silane-dichlorocyclohexylmethyl.pdf>

Generated by Cheméo on 2024-04-20 02:35:59.99295466 +0000 UTC m=+15869808.913531975.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.