

# Silane, dichloroethenylmethyl-

<b>Other names:</b>	Silane, dichloromethylvinyl- Dichloromethylvinylsilane Methyldichlorovinylsilane Methylvinylidichlorosilane Vinylmethyldichlorosilane CV-4772
<b>Inchi:</b>	InChI=1S/C3H6Cl2Si/c1-3-6(2,4)5/h3H,1H2,2H3
<b>InchiKey:</b>	YLJJAVFOBDSYAN-UHFFFAOYSA-N
<b>Formula:</b>	C3H6Cl2Si
<b>SMILES:</b>	C=C[Si](C)(Cl)Cl
<b>Mol. weight [g/mol]:</b>	141.07
<b>CAS:</b>	124-70-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.04		Crippen Method
logp	2.261		Crippen Method
rinpol	680.00		NIST Webbook
sl	381.30	J/molxK	NIST Webbook
tb	365.50 ± 0.50	K	NIST Webbook

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpl	177.90	J/molxK	298.15	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=C124709&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C124709&amp;Units=SI</a>

# Legend

<b>cpl:</b>	Liquid phase heat capacity
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices
<b>sl:</b>	Liquid phase molar entropy at standard conditions
<b>tb:</b>	Normal Boiling Point Temperature

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