

# Silane, chloromethyldiphenyl-

<b>Other names:</b>	Chloromethyldiphenylsilane Methyldiphenylchlorosilane Methyldiphenylsilyl chloride Chlorodiphenylmethylsilane Diphenylmethylchlorosilane
<b>Inchi:</b>	InChI=1S/C13H13ClSi/c1-15(14,12-8-4-2-5-9-12)13-10-6-3-7-11-13/h2-11H,1H3
<b>InchiKey:</b>	OJZNXOXALZKPEA-UHFFFAOYSA-N
<b>Formula:</b>	C13H13ClSi
<b>SMILES:</b>	C[Si](Cl)(c1ccccc1)c1ccccc1
<b>Mol. weight [g/mol]:</b>	232.78
<b>CAS:</b>	144-79-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.63		Crippen Method
logp	2.615		Crippen Method
rinpol	1675.20		NIST Webbook
rinpol	1675.20		NIST Webbook
tb	568.00	K	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=C144796&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C144796&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

**tb:** Normal Boiling Point Temperature

Latest version available from:

<https://www.cheméo.com/cid/24-951-9/Silane-chloromethyldiphenyl.pdf>

Generated by Cheméo on 2024-04-26 03:48:28.801719688 +0000 UTC m=+16392557.722297000.

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