

# Silane, (bromomethyl)chlorodimethyl-

<b>Other names:</b>	(Bromomethyl)dimethylchlorosilane (Bromomethyl)chlorodimethylsilane Silanem bromomethyl, chloro, dimethyl
<b>Inchi:</b>	InChI=1S/C3H8BrClSi/c1-6(2,5)3-4/h3H2,1-2H3
<b>InchiKey:</b>	CAURZYXCQQWBJO-UHFFFAOYSA-N
<b>Formula:</b>	C3H8BrClSi
<b>SMILES:</b>	C[Si](C)(Cl)CBr
<b>Mol. weight [g/mol]:</b>	187.54
<b>CAS:</b>	16532-02-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.20		Crippen Method
logp	2.364		Crippen Method
rinpol	842.00		NIST Webbook
rinpol	842.00		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=C16532028&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C16532028&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

Latest version available from:

<https://www.chemeo.com/cid/73-194-6/Silane-bromomethyl-chlorodimethyl.pdf>

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