

# Divinyldimethylsilane

<b>Other names:</b>	Silane, diethenyldimethyl- dimethyldivinylsilane
<b>Inchi:</b>	InChI=1S/C6H12Si/c1-5-7(3,4)6-2/h5-6H,1-2H2,3-4H3
<b>InchiKey:</b>	QRHCILLLMDEFSD-UHFFFAOYSA-N
<b>Formula:</b>	C6H12Si
<b>SMILES:</b>	C=C[Si](C)(C)C=C
<b>Mol. weight [g/mol]:</b>	112.25
<b>CAS:</b>	10519-87-6

## Physical Properties

Property code	Value	Unit	Source
ie	9.80	eV	NIST Webbook
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log10ws	0.32		Crippen Method
logp	2.145		Crippen Method
rinsol	647.00		NIST Webbook
rinsol	647.00		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=C10519876&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C10519876&amp;Units=SI</a>

## Legend

<b>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinsol:</b>	Non-polar retention indices

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