

# Silacyclobutane

<b>Inchi:</b>	InChI=1S/C3H6Si/c1-2-4-3-1/h1-3H2
<b>InchiKey:</b>	TYFUXZBFJIMFON-UHFFFAOYSA-N
<b>Formula:</b>	C3H8Si
<b>SMILES:</b>	C1C[Si]C1
<b>Mol. weight [g/mol]:</b>	72.18
<b>CAS:</b>	287-29-6

## Physical Properties

Property code	Value	Unit	Source
ie	10.05	eV	NIST Webbook
log10ws	1.49		Crippen Method
logp	0.931		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C287296&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C287296&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

<b>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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