

# 1-Silacyclohexa-2,5-diene

<b>Other names:</b>	Silacyclohexadiene-2,5
<b>Inchi:</b>	InChI=1S/C5H8Si/c1-2-4-6-5-3-1/h2-5H,1,6H2
<b>InchiKey:</b>	ALBWZGRJHDEIBS-UHFFFAOYSA-N
<b>Formula:</b>	C5H8Si
<b>SMILES:</b>	C1=C[SiH2]C=CC1
<b>Mol. weight [g/mol]:</b>	96.20
<b>CAS:</b>	81200-77-3

## Physical Properties

Property code	Value	Unit	Source
ie	9.10	eV	NIST Webbook
ie	9.80	eV	NIST Webbook
log10ws	1.28		Crippen Method
logp	0.586		Crippen Method

## 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=C81200773&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C81200773&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>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/64-348-5/1-Silacyclohexa-2-5-diene.pdf>

Generated by Cheméo on 2024-05-06 05:28:44.943924158 +0000 UTC m=+17262573.864501473.

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