

# 1,1-Difluoro-1-silacyclo-3-pentene

<b>Other names:</b>	Silacyclopent-3-ene, 1,1-difluoro- Silacyclopent-3-ene, 1,1-difluoro-
<b>Inchi:</b>	InChI=1S/C4H6F2Si/c5-7(6)3-1-2-4-7/h1-2H,3-4H2
<b>InchiKey:</b>	CDSNIUJIENGNBO-UHFFFAOYSA-N
<b>Formula:</b>	C4H6F2Si
<b>SMILES:</b>	F[Si]1(F)CC=CC1
<b>Mol. weight [g/mol]:</b>	120.17
<b>CAS:</b>	34736-33-9

## Physical Properties

Property code	Value	Unit	Source
ie	9.62	eV	NIST Webbook
log10ws	0.41		Crippen Method
logp	1.937		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=C34736339&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C34736339&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

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<https://www.chemeo.com/cid/80-692-5/1-1-Difluoro-1-silacyclo-3-pentene.pdf>

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