

1-Silacyclo-3-pentene

Other names:	Silacyclopent-3-ene
Inchi:	InChI=1S/C4H8Si/c1-2-4-5-3-1/h1-2H,3-5H2
InchiKey:	GTACVKZZKKFPSU-UHFFFAOYSA-N
Formula:	C4H8Si
SMILES:	C1=CC[SiH2]C1
Mol. weight [g/mol]:	84.19
CAS:	7049-25-4

Physical Properties

Property code	Value	Unit	Source
ie	9.21	eV	NIST Webbook
log10ws	1.73		Crippen Method
logp	0.562		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7049254&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/72-898-6/1-Silacyclo-3-pentene.pdf>

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