

1-Methyl-1-vinyl-1-silacyclobutane

Other names:	1-Methyl-1-vinylsilacyclobutane
Inchi:	InChI=1S/C6H12Si/c1-3-7(2)5-4-6-7/h3H,1,4-6H2,2H3
InchiKey:	WKLZGNWZCKRXQP-UHFFFAOYSA-N
Formula:	C6H12Si
SMILES:	C=C[Si]1(C)CCC1
Mol. weight [g/mol]:	112.25
CAS:	3514-67-8

Physical Properties

Property code	Value	Unit	Source
hvap	33.10	kJ/mol	NIST Webbook
log10ws	0.36		Crippen Method
logp	2.194		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3514678&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/73-009-1/1-Methyl-1-vinyl-1-silacyclobutane.pdf>

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