

1-Methyl-1-silacyclobutane

Other names:	Silacyclobutane, 1-methyl- 1-Methylsilacyclobutane
Inchi:	InChI=1S/C4H10Si/c1-5-3-2-4-5/h5H,2-4H2,1H3
InchiKey:	CQFRXHDORNUERA-UHFFFAOYSA-N
Formula:	C4H10Si
SMILES:	C[SiH]1CCC1
Mol. weight [g/mol]:	86.21
CAS:	765-33-3

Physical Properties

Property code	Value	Unit	Source
hvap	25.10	kJ/mol	NIST Webbook
log10ws	1.36		Crippen Method
logp	1.247		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C765333&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/72-916-5/1-Methyl-1-silacyclobutane.pdf>

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