1,1,2-Trimethyl-1-silacyclobutane

Other names:	Silacyclobutane, 1,1,2-trimethyl- 1,1,2-Trimethylsilacyclobutane
Inchi:	InChI=1S/C6H14Si/c1-6-4-5-7(6,2)3/h6H,4-5H2,1-3H3
InchiKey:	IBURGXLWVCHMET-UHFFFAOYSA-N
Formula:	C6H14Si
SMILES:	CC1CC[Si]1(C)C
Mol. weight [g/mol]:	114.26
CAS:	30681-90-4

Physical Properties

Property code	Value	Unit	Source
hvap	36.00	kJ/mol	NIST Webbook
ie	8.59 ± 0.03	eV	NIST Webbook
ie	9.20	eV	NIST Webbook
log10ws	0.30		Crippen Method
logp	2.489		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C30681904&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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