1,1-DIMETHYL-1-SILACYCLOPENTANE

Other names: Silacyclopentane, 1,1-dimethyl-
Cyclotetramethylenedimethylsilane
1,1-Dimethylsilacyclopentane
Inchi: InChI=1S/C6H14Si/c1-7(2)5-3-4-6-7/h3-6H2,1-2H3
InchiKey: KDQBKCRYCZJUAE-UHFFFAOYSA-N
Formula: C6H14Si
SMILES: C[Si]1(C)CCCC1
Mol. weight [g/mol]: 114.26

Physical Properties

Property code	Value	Unit	Source
hvap	35.50	kJ/mol	Cheméo Relay (1.0)
ie	9.26 ± 0.03	eV	NIST Webbook
ie	9.00	eV	NIST Webbook
ie	9.75	eV	NIST Webbook
logp	2.489		Crippen Method
tb	369.90	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1072544&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy
logp: Octanol/Water partition coefficient

tb: Normal Boiling Point Temperature