

SILACYCLOPENT-3-ENE, 1,1-DIMETHYL-

Other names:	Silacyclopent-3-ene,1,1-dimethyl-
Inchi:	InChI=1S/C6H12Si/c1-7(2)5-3-4-6-7/h3-4H,5-6H2,1-2H3
InchiKey:	PBYZVYQHXMJOLS-UHFFFAOYSA-N
Formula:	C6H12Si
SMILES:	C[Si]1(C)CC=CC1
Mol. weight [g/mol]:	112.25

Physical Properties

Property code	Value	Unit	Source
ie	9.00	eV	NIST Webbook
ie	9.10 ± 0.03	eV	NIST Webbook
ie	9.00	eV	NIST Webbook
logp	2.265		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	7.77	kJ/mol	166.80	NIST Webbook

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C16054129&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hfust:	Enthalpy of fusion at a given temperature
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/77-770-2/SILACYCLOPENT-3-ENE-1-1-DIMETHYL.pdf>

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