

Silacyclopent-2-ene,1,1-dimethyl-

Inchi:	InChI=1S/C6H12Si/c1-7(2)5-3-4-6-7/h3,5H,4,6H2,1-2H3
InchiKey:	XHQZCRYJLMRMKG-UHFFFAOYSA-N
Formula:	C6H12Si
SMILES:	C[Si]1(C)C=CCC1
Mol. weight [g/mol]:	112.25
CAS:	18187-50-3

Physical Properties

Property code	Value	Unit	Source
ie	9.27 ± 0.03	eV	NIST Webbook
log10ws	0.36		Crippen Method
logp	2.194		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18187503&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/73-010-9/Silacyclopent-2-ene-1-1-dimethyl.pdf>

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