

Cyclopent-3-ene, 1,1-dimethoxy-1-sila-

Other names:	Silacyclopent-3-ene,1,1-dimethoxy-
Inchi:	InChI=1S/C6H12O2Si/c1-7-9(8-2)5-3-4-6-9/h3-4H,5-6H2,1-2H3
InchiKey:	RWBCRMOSJZITFJ-UHFFFAOYSA-N
Formula:	C6H12O2Si
SMILES:	CO[Si]1(OC)CC=CC1
Mol. weight [g/mol]:	144.24
CAS:	61667-33-2

Physical Properties

Property code	Value	Unit	Source
ie	9.59	eV	NIST Webbook
log10ws	1.11		Crippen Method
logp	1.291		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=C61667332&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/57-365-4/Cyclopent-3-ene-1-1-dimethoxy-1-sila.pdf>

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