

1,1-Diethoxy-1-silacyclo-3-pentene

Other names:	1,1-Diethoxy-1-sila-3-cyclopentene
Inchi:	InChI=1S/C8H16O2Si/c1-3-9-11(10-4-2)7-5-6-8-11/h5-6H,3-4,7-8H2,1-2H3
InchiKey:	ZEXYGAKMGFQRNC-UHFFFAOYSA-N
Formula:	C8H16O2Si
SMILES:	CCO[Si]1(OCC)CC=CC1
Mol. weight [g/mol]:	172.30
CAS:	67059-49-8

Physical Properties

Property code	Value	Unit	Source
ie	9.44	eV	NIST Webbook
log10ws	0.27		Crippen Method
logp	2.071		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C67059498&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/46-638-3/1-1-Diethoxy-1-silacyclo-3-pentene.pdf>

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