

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
CAS:	1072-54-4

Physical Properties

Property code	Value	Unit	Source
log10ws	0.30		Crippen Method
logp	2.489		Crippen Method

Sources

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

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/73-091-0/1-1-Dimethyl-1-silacyclopentane.pdf>

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