

Silacyclohexane, 1,1-dimethyl-

Other names:	Cyclopentamethylenedimethylsilane 1,1-Dimethyl-1-silacyclohexane 1,1-Dimethylsilacyclohexane Dimethylsilacyclohexane
Inchi:	InChI=1S/C7H16Si/c1-8(2)6-4-3-5-7-8/h3-7H2,1-2H3
InchiKey:	VPVXTYYXTKCTPM-UHFFFAOYSA-N
Formula:	C7H16Si
SMILES:	C[Si]1(C)CCCCC1
Mol. weight [g/mol]:	128.29
CAS:	4040-74-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.12		Crippen Method
logp	2.879		Crippen Method
tb	405.50 ± 0.50	K	NIST Webbook

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=C4040748&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/52-174-1/Silacyclohexane-1-1-dimethyl.pdf>

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