

Disiloxane, pentamethyl-

Other names:	Pentamethyldisiloxane 1,1,1,3,3-Pentamethyldisiloxane
Inchi:	InChI=1S/C5H16OSi2/c1-7(2)6-8(3,4)5/h7H,1-5H3
InchiKey:	AOJHDNSYXUZCCE-UHFFFAOYSA-N
Formula:	C5H16OSi2
SMILES:	C[SiH](C)O[Si](C)(C)C
Mol. weight [g/mol]:	148.35
CAS:	1438-82-0

Physical Properties

Property code	Value	Unit	Source
log10ws	3.12		Crippen Method
logp	1.821		Crippen Method
tb	359.50 ± 0.50	K	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1438820&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/72-983-1/Disiloxane-pentamethyl.pdf>

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