

1,1,3,3-Tetramethyldisilazane

Other names:	Tetramethyl disilazane Silanamine, N-(dimethylsilyl)-1,1-dimethyl- Disilazane, 1,1,3,3-tetramethyl- N-(dimethylsilyl)-1,1-dimethylsilylamine
Inchi:	InChI=1S/C4H15NSi2/c1-6(2)5-7(3)4/h5-7H,1-4H3
InchiKey:	NQCZAYQXPJEPDS-UHFFFAOYSA-N
Formula:	C4H15NSi2
SMILES:	C[SiH](C)N[SiH](C)C
Mol. weight [g/mol]:	133.34
CAS:	15933-59-2

Physical Properties

Property code	Value	Unit	Source
log10ws	3.65		Crippen Method
logp	0.543		Crippen Method
tb	372.50 ± 0.50	K	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15933592&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

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<https://www.chemeo.com/cid/72-914-7/1-1-3-3-Tetramethyldisilazane.pdf>

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