

Silanamine, 1-ethenyl-N-(ethenyldimethylsilyl)-1,1-dimethyl-

Other names:	1,3-Divinyltetramethyldisilazane 1,3-Divinyl-1,1,3,3-tetramethyldisilazane N-(dimethylvinylsilyl)-1,1-dimethyl-1-vinylsilylamine
Inchi:	InChI=1S/C8H19NSi2/c1-7-10(3,4)9-11(5,6)8-2/h7-9H,1-2H2,3-6H3
InchiKey:	WYUIWUCVZCRTRH-UHFFFAOYSA-N
Formula:	C8H19NSi2
SMILES:	C=C[Si](C)(C)N[Si](C)(C)C=C
Mol. weight [g/mol]:	185.41
CAS:	7691-02-3

Physical Properties

Property code	Value	Unit	Source
log10ws	1.66		Crippen Method
logp	2.437		Crippen Method
tb	433.50 ± 0.50	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7691023&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/65-640-9/Silanamine-1-ethenyl-N-ethenyldimethylsilyl-1-1-dimethyl.pdf>

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