

Silanamine, 1-(chloromethyl)-N-[(chloromethyl)dimethylsilyl]-1

Other names:	Bis[chloromethyl]tetramethyldisilazane 1,3-Bis(chloromethyl)-1,1,3,3-tetramethyldisilazane 1,3-Bis(chloromethyl)tetramethyldisilazane Disilazane, 1,3-bis(chloromethyl)-1,1,3,3-tetramethyl- bis(chloromethyldimethylsilyl)amine
Inchi:	InChI=1S/C6H17Cl2NSi2/c1-10(2,5-7)9-11(3,4)6-8/h9H,5-6H2,1-4H3
InchiKey:	SXSNZRHGAMVNJE-UHFFFAOYSA-N
Formula:	C6H17Cl2NSi2
SMILES:	C[Si](C)(CCl)N[Si](C)(C)CCl
Mol. weight [g/mol]:	230.28
CAS:	14579-91-0

Physical Properties

Property code	Value	Unit	Source
log10ws	1.89		Crippen Method
logp	2.542		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	377.00 ± 1.00	K	1.30	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14579910&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tbrp:	Boiling point at reduced pressure

Latest version available from:

<https://www.cheméo.com/cid/13-398-6/Silanamine-1-chloromethyl-N-chloromethyl-dimethylsilyl-1-1-dimethyl.pdf>

Generated by Cheméo on 2024-04-20 06:33:54.348092165 +0000 UTC m=+15884083.268669491.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.