

Silanamine, N,N'-methanetetraylbis[1,1,1-trimethyl-

Other names: Carbodiimide, bis(trimethylsilyl)-
Bis(trimethylsilyl)carbodiimide
N,N'-Bis(trimethylsilyl)carbodiimide
Silanamine, N,N'-methanetetraylbis*1,1,1-trimethyl-
N,N'-methanetetraylbis[1,1,1-trimethylsilylamine]
Carbodiimide, 2TMS

Inchi: InChI=1S/C7H18N2Si2/c1-10(2,3)8-7-9-11(4,5)6/h1-6H3

InchiKey: KSVMTHKYDGMXFJ-UHFFFAOYSA-N

Formula: C7H18N2Si2

SMILES: C[Si](C)(C)N=C=N[Si](C)(C)C

Mol. weight [g/mol]: 186.40

CAS: 1000-70-0

Physical Properties

Property code	Value	Unit	Source
log10ws	2.40		Crippen Method
logp	2.830		Crippen Method

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=C1000700&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/96-956-5/Silanamine-N-N-methanetetraylbis-1-1-1-trimethyl.pdf>

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