

1-Trimethylsiloxy-2-trimethylsilylaminoethane

Other names:	N-(Trimethylsilyl)-N-(2-[(trimethylsilyl)oxy]ethyl)amine Ethanolamine, N-trimethylsilyl-, trimethylsilyl ether O,N-Bis(trimethylsilyl)hydroxyethylamine 1-Trimethylsiloxy-2-trimethylsilylaminoethane Ethanolamine, 2tms derivative
Inchi:	InChI=1S/C8H23NOSi2/c1-11(2,3)9-7-8-10-12(4,5)6/h9H,7-8H2,1-6H3
InchiKey:	LKZIRXCTUKDWLV-UHFFFAOYSA-N
Formula:	C8H23NOSi2
SMILES:	C[Si](C)(C)NCCO[Si](C)(C)C
Mol. weight [g/mol]:	205.45
CAS:	17165-52-5

Physical Properties

Property code	Value	Unit	Source
log10ws	2.45		Crippen Method
logp	2.262		Crippen Method
rinpol	1020.80		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17165525&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
rinpol:	Non-polar retention indices

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