

Acetamide, N-methyl-N-(trimethylsilyl)-

Other names:	N-Trimethylsilyl-N-methylacetamide N-Methyl-N-trimethylsilylacetamide N-methylacetamide, tms derivative
Inchi:	InChI=1S/C6H15NOSi/c1-6(8)7(2)9(3,4)5/h1-5H3
InchiKey:	QHUOBLDKFGCVCG-UHFFFAOYSA-N
Formula:	C6H15NOSi
SMILES:	CC(=O)N(C)[Si](C)(C)C
Mol. weight [g/mol]:	145.27
CAS:	7449-74-3

Physical Properties

Property code	Value	Unit	Source
log10ws	1.27		Crippen Method
logp	1.300		Crippen Method
rinpol	947.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7449743&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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