

# N-«alpha»-Acetyl-L-Lysine, N,N-trimethylsilyl-, trimethylsilyl ester

<b>Other names:</b>	Trimethylsilyl N2-acetyl-N6,N6-bis(trimethylsilyl)-l-lysinate N-«alpha»-acetyl-l-lysine, 3tms derivative
<b>Inchi:</b>	InChI=1S/C17H40N2O3Si3/c1-15(20)18-16(17(21)22-25(8,9)10)13-11-12-14-19(23(2,3)4)
<b>InchiKey:</b>	QXVVZQYCVKTRRC-UHFFFAOYSA-N
<b>Formula:</b>	C17H40N2O3Si3
<b>SMILES:</b>	CC(=O)NC(CCCCN([Si](C)(C)C)[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	404.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.40		Crippen Method
logp	4.011		Crippen Method
rinpola	2100.20		NIST Webbook
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## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333709&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333709&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

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