

# Maltitol, nonakis(trimethylsilyl) ether

<b>Inchi:</b>	InChI=1S/C39H96O11Si9/c1-51(2,3)40-28-31-35(47-56(16,17)18)37(49-58(22,23)24)38(
<b>InchiKey:</b>	DTONBTAGJKRSDD-UHFFFAOYSA-N
<b>Formula:</b>	C39H96O11Si9
<b>SMILES:</b>	C[Si](C)(C)OCC(O[Si](C)(C)C)C(OC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C
<b>Mol. weight [g/mol]:</b>	993.94

## Physical Properties

Property code	Value	Unit	Source
log10ws	10.04		Crippen Method
logp	10.972		Crippen Method
rinpol	2804.40		NIST Webbook
rinpol	2836.00		NIST Webbook
rinpol	2836.00		NIST Webbook

## 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=U380086&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U380086&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

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

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<https://www.chemeo.com/cid/28-506-9/Maltitol-nonakis-trimethylsilyl-ether.pdf>

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