

# 1,1,1,3,5,7,7,7-Octamethyl-3,5-bis(trimethylsiloxy)

<b>Other names:</b>	Octamethyl-3,5-bis-(trimethylsilyloxy)tetrasiloxane
<b>Inchi:</b>	InChI=1S/C14H43O5Si6/c1-20(2,3)15-24(13,16-21(4,5)6)19-25(14,17-22(7,8)9)18-23(10)
<b>InchiKey:</b>	UCOURODRGXOTPN-UHFFFAOYSA-N
<b>Formula:</b>	C14H42O5Si6
<b>SMILES:</b>	C[Si](C)(C)O[Si](C)(O[Si](C)(C)C)O[Si](C)(O[Si](C)(C)C)[OH+][Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	458.99
<b>CAS:</b>	2003-92-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	8.51		Crippen Method
logp	5.058		Crippen Method

## Sources

<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>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C2003921&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2003921&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/62-686-2/1-1-1-3-5-7-7-7-Octamethyl-3-5-bis-trimethylsiloxy-tetrasiloxane.pdf>

Generated by Cheméo on 2024-04-20 13:22:47.841789017 +0000 UTC m=+15908616.762366340.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.