

# Tetrasiloxane, 1,1,1,3,5,7,7,7-octamethyl-

<b>Other names:</b>	3H,5H-Octamethyltetrasiloxane 1,1,1,3,5,7,7,7-octamethyltetrasiloxane
<b>Inchi:</b>	InChI=1S/C8H26O3Si4/c1-12(10-14(3,4)5)9-13(2)11-15(6,7)8/h12-13H,1-8H3
<b>InchiKey:</b>	LBPUIHCOWXUVCE-UHFFFAOYSA-N
<b>Formula:</b>	C8H26O3Si4
<b>SMILES:</b>	C[SiH](O[SiH](C)O[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	282.63
<b>CAS:</b>	16066-09-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	6.64		Crippen Method
logp	2.407		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=C16066094&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C16066094&amp;Units=SI</a>

## Legend

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

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