

# Octanoic acid, trimethylsilyl ester

<b>Other names:</b>	Octanoic acid, TMS ester Octanoic acid, tms derivative
<b>Inchi:</b>	InChI=1S/C11H24O2Si/c1-5-6-7-8-9-10-11(12)13-14(2,3)4/h5-10H2,1-4H3
<b>InchiKey:</b>	GRHSLTISTCPPAT-UHFFFAOYSA-N
<b>Formula:</b>	C11H24O2Si
<b>SMILES:</b>	CCCCCCCC(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	216.39
<b>CAS:</b>	55494-06-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.34		Crippen Method
logp	3.725		Crippen Method
rinpol	1266.00		NIST Webbook
rinpol	1262.00		NIST Webbook

## 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.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=C55494069&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55494069&amp;Units=SI</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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