

# 4,6-Dioxoheptanoic acid, trimethylsilyl ester

<b>Other names:</b>	Trimethylsilyl 4,6-dioxoheptanoate 4,6-Dioxoheptanoic acid, tms derivative
<b>Inchi:</b>	InChI=1S/C10H18O4Si/c1-8(11)7-9(12)5-6-10(13)14-15(2,3)4/h5-7H2,1-4H3
<b>InchiKey:</b>	MBWXMISVSPVDBT-UHFFFAOYSA-N
<b>Formula:</b>	C10H18O4Si
<b>SMILES:</b>	CC(=O)CC(=O)CCC(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	230.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.52		Crippen Method
logp	1.693		Crippen Method
rinpola	1416.50		NIST Webbook
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## 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=U332932&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332932&amp;Units=SI</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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