

# Heptadecanoic acid, 2-hydroxy, methyl ester, TMS

<b>Other names:</b>	Heptadecanoic acid, 2-trimethylsilyloxy, methyl ester
<b>Inchi:</b>	InChI=1S/C21H44O3Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20(21(22)23-2)24-25
<b>InchiKey:</b>	UDJKFJNTSWSJON-UHFFFAOYSA-N
<b>Formula:</b>	C21H44O3Si
<b>SMILES:</b>	CCCCCCCCCCCCCCCC(O[Si](C)(C)C)C(=O)OC
<b>Mol. weight [g/mol]:</b>	372.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.73		Crippen Method
logp	6.861		Crippen Method
rinsol	2221.00		NIST Webbook
rinsol	2200.00		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=R98088&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R98088&amp;Units=SI</a>

## Legend

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

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