

# Octadecanedioic acid, bis(trimethylsilyl) ester

<b>Other names:</b>	Bis(trimethylsilyl) octadecanedioate Octadecanedioic acid, bis-TMS Octadecanedioic acid, 2tms derivative
<b>Inchi:</b>	InChI=1S/C24H50O4Si2/c1-29(2,3)27-23(25)21-19-17-15-13-11-9-7-8-10-12-14-16-18-2
<b>InchiKey:</b>	VDMOBMJETWUJLJ-UHFFFAOYSA-N
<b>Formula:</b>	C24H50O4Si2
<b>SMILES:</b>	C[Si](C)(C)OC(=O)CCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	458.82
<b>CAS:</b>	22396-20-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.70		Crippen Method
logp	7.984		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C22396209&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C22396209&amp;Units=SI</a>
<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>

## Legend

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

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