

# Pentacosanoic acid, 2-[(trimethylsilyl)oxy]-, methyl ester

<b>Other names:</b>	«alpha»-Hydroxypentacosanoic acid, TMS ether, methyl ester «alpha»-Hydroxypentacosanoic acid, TMSi-Me Methyl 2-hydroxypentacosanoate, tms derivative
<b>Inchi:</b>	InChI=1S/C29H60O3Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-2
<b>InchiKey:</b>	GHKSQLUKQYMMLK-UHFFFAOYSA-N
<b>Formula:</b>	C29H60O3Si
<b>SMILES:</b>	CCCCCCCCCCCCCCCCCCCCCCCC(O[Si](C)(C)C)C(=O)OC
<b>Mol. weight [g/mol]:</b>	484.87
<b>CAS:</b>	56784-05-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.07		Crippen Method
logp	9.982		Crippen Method
rinpol	3014.00		NIST Webbook

## Sources

<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=C56784055&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C56784055&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>

## 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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