

# cis-9-Hexadecenoic acid, trimethylsilyl ester

<b>Other names:</b>	Palmitoleic acid, TMS 9-Hexadecenoic acid, (z)-, tms derivative
<b>Inchi:</b>	InChI=1S/C19H38O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19(20)21-22(2,3)4/h10
<b>InchiKey:</b>	UNUADFKHVGBUHA-KHPPLWFESA-N
<b>Formula:</b>	C19H38O2Si
<b>SMILES:</b>	CCCCCCC=CCCCCCCC(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	326.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.54		Crippen Method
logp	6.622		Crippen Method
rinpol	2016.29		NIST Webbook
rinpol	2017.00		NIST Webbook
rinpol	2023.70		NIST Webbook
rinpol	2016.00		NIST Webbook
rinpol	2030.00		NIST Webbook
rinpol	2016.29		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=U333198&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333198&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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