

# Trinexapac-ethyl, trimethylsilyl ether

<b>Other names:</b>	Trinexapac-ethyl, tms derivative
<b>Inchi:</b>	InChI=1S/C16H24O5Si/c1-5-20-16(19)11-8-12(17)14(13(18)9-11)15(10-6-7-10)21-22(2,3
<b>InchiKey:</b>	UBXHULUUERAXPD-PFONDFGASA-N
<b>Formula:</b>	C16H24O5Si
<b>SMILES:</b>	CCOC(=O)C1CC(=O)C(=C(O[Si](C)(C)C)C2CC2)C(=O)C1
<b>Mol. weight [g/mol]:</b>	324.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	2.613		Crippen Method
rinpol	2138.90		NIST Webbook

## Sources

<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=U334055&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U334055&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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<https://www.chemeo.com/cid/67-753-2/Trinexapac-ethyl-trimethylsilyl-ether.pdf>

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