

# Cyclohexyl-, trimethylsilyl-, ethylphosphonate

<b>Other names:</b>	Cyclohexyl ethylphosphonate, TMS
<b>Inchi:</b>	InChI=1S/C11H25O3PSi/c1-5-15(12,14-16(2,3)4)13-11-9-7-6-8-10-11/h11H,5-10H2,1-4H3
<b>InchiKey:</b>	ITVCBHLCPFRCDQ-UHFFFAOYSA-N
<b>Formula:</b>	C11H25O3PSi
<b>SMILES:</b>	CCP(=O)(OC1CCCCC1)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	264.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.93		Crippen Method
logp	4.400		Crippen Method

## 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.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=U226340&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U226340&amp;Units=SI</a>

## Legend

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

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