

# 2,5,7,10-Tetraoxa-6-silaundecane, 6-(2-methoxyethoxy)-6-methyl-

<b>Other names:</b>	Methyltris(methoxyethoxy)silane Methyl-tris(2-methoxyethoxy)silane Tris(2-methoxyethoxy)methylsilane 6-(2-methoxyethoxy)-6-methyl-2,5,7,10-tetraoxa-6-silaundecane
<b>Inchi:</b>	InChI=1S/C10H24O6Si/c1-11-5-8-14-17(4,15-9-6-12-2)16-10-7-13-3/h5-10H2,1-4H3
<b>InchiKey:</b>	OLTVTFUBQOLTND-UHFFFAOYSA-N
<b>Formula:</b>	C10H24O6Si
<b>SMILES:</b>	COCCO[Si](C)(OCCOC)OCCOC
<b>Mol. weight [g/mol]:</b>	268.38
<b>CAS:</b>	17980-64-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.25		Crippen Method
logp	0.544		Crippen Method

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	418.00	K	2.00	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=C17980642&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C17980642&amp;Units=SI</a>

# Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>tbrp:</b>	Boiling point at reduced pressure

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