

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

Other names:

Silane, tris(2-methoxyethoxy)vinyl-  
[Tris(p-methoxyethoxy)]vinylsilane  
A 172  
GF 58  
Tris(«beta»-Methoxyethoxy)vinylsilane  
Tris(methoxyethoxy)vinylsilane  
Tris(methoxyethoxy)vinylsilane  
Tris(2-methoxyethoxy)vinylsilane  
Vinyltris(«beta»-methoxyethoxy)silane  
Vinyltris(methoxyethoxy)silane  
Vinyltris(2-methoxyethoxy)silane  
NUCA 172  
Silicone A-172  
6-Ethenyl-6-(methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane  
Dynasylan VTMOEO  
Union carbide A-172  
NSC 78465  
SH 6082  
Z 6082  
UNC-A-172

**Inchi:** InChI=1S/C11H24O6Si/c1-5-18(15-9-6-12-2,16-10-7-13-3)17-11-8-14-4/h5H,1,6-11H2,2-

**InchiKey:** WOXXJEVNDJOOVLV-UHFFFAOYSA-N

**Formula:** C11H24O6Si

**SMILES:** C=C[Si](OCCOC)(OCCOC)OCCOC

**Mol. weight [g/mol]:** 280.39

**CAS:** 1067-53-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.89		Crippen Method
logp	0.639		Crippen Method

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	418.00 ± 1.00	K	1.50	NIST Webbook

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## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1067534&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1067534&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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