

# 2-Propenoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester

<b>Other names:</b>	Pyruvic acid, bis(trimethylsilyl)- Acrylic acid, trimethylsiloxy-, trimethylsilyl ester Pyruvic acid, enol, bis-TMS Pyruvic acid, enol, di-TMS Pyruvic acid, bis-TMS Pyruvic acid, TMS
<b>Inchi:</b>	InChI=1S/C9H20O3Si2/c1-8(11-13(2,3)4)9(10)12-14(5,6)7/h1H2,2-7H3
<b>InchiKey:</b>	WRBWZWGIWNGSRX-UHFFFAOYSA-N
<b>Formula:</b>	C9H20O3Si2
<b>SMILES:</b>	C=C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	232.42
<b>CAS:</b>	55191-13-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.01		Crippen Method
logp	2.730		Crippen Method
rinpol	1100.00		NIST Webbook
rinpol	1085.00		NIST Webbook
rinpol	1090.00		NIST Webbook
rinpol	1091.00		NIST Webbook
rinpol	1108.00		NIST Webbook
rinpol	1100.00		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=C55191134&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55191134&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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