

# (Propargyloxy)trimethylsilane

<b>Other names:</b>	O-Trimethylsilylpropargyl alcohol Silane, trimethyl(2-propynyloxy)- Propargyl alcohol, trimethylsilyl ether trimethyl(2-propynyloxy)silane
<b>Inchi:</b>	InChI=1S/C6H12OSi/c1-5-6-7-8(2,3)4/h1H,6H2,2-4H3
<b>InchiKey:</b>	ZZRPJWCNCLSOLR-UHFFFAOYSA-N
<b>Formula:</b>	C6H12OSi
<b>SMILES:</b>	C#CCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	128.24
<b>CAS:</b>	5582-62-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.73		Crippen Method
logp	1.471		Crippen Method
rinpol	739.20		NIST Webbook
rinpol	739.20		NIST Webbook
tb	383.50 ± 0.50	K	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=C5582627&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5582627&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
<b>tb:</b>	Normal Boiling Point Temperature

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