

# 2-Propene-1-arsonic acid

<b>Other names:</b>	2-Propene-2-arsonic acid allylarsonic acid
<b>Inchi:</b>	InChI=1S/C3H7AsO3/c1-2-3-4(5,6)7/h2H,1,3H2,(H2,5,6,7)
<b>InchiKey:</b>	KADVUADSGCRCHA-UHFFFAOYSA-N
<b>Formula:</b>	C3H7AsO3
<b>SMILES:</b>	C=CC[As](=O)(O)O
<b>Mol. weight [g/mol]:</b>	166.01
<b>CAS:</b>	590-34-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.56		Crippen Method
logp	-0.474		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=C590341&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C590341&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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