

# Clark 1 propanethio-derivative

<b>Inchi:</b>	InChI=1S/C8H16AsCIS2/c1-3-7-11-9(5-6-10)12-8-4-2/h5-6H,3-4,7-8H2,1-2H3/b6-5+
<b>InchiKey:</b>	JDUUQBFERRKSRF-AATRIKPKSA-N
<b>Formula:</b>	C8H16AsCIS2
<b>SMILES:</b>	CCCS[As](C=CCI)SCCC
<b>Mol. weight [g/mol]:</b>	286.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.20		Crippen Method
logp	4.053		Crippen Method
rinpol	2102.00		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.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=R514708&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R514708&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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