

# 2-Chloroethyl-2-chlorovinyl chloroarsine

**Inchi:** InChI=1S/C4H6AsCl3/c6-3-1-5(8)2-4-7/h1,3H,2,4H2/b3-1+  
**InchiKey:** VREFZOURDBUGFQ-HNQUOIGGSA-N  
**Formula:** C4H6AsCl3  
**SMILES:** ClC=C[As](Cl)CCCl  
**Mol. weight [g/mol]:** 235.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.48		Crippen Method
logp	2.747		Crippen Method
rinpol	1334.00		NIST Webbook
rinpol	1334.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U360303&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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