

# 2-Chloroethyl p-toluene sulfonate

**Inchi:** InChI=1S/C9H11ClO3S/c1-8-2-4-9(5-3-8)14-13(11)12-7-6-10/h2-5H,6-7H2,1H3  
**InchiKey:** RCNFQZWAVUXIDT-UHFFFAOYSA-N  
**Formula:** C9H11ClO3S  
**SMILES:** Cc1ccc(S[O+](O-))OCCCl)cc1  
**Mol. weight [g/mol]:** 234.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.34		Crippen Method
logp	2.000		Crippen Method
mcvol	160.110	ml/mol	McGowan Method

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6002853&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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