

# O-(2-Chloro-1,1-difluoroethyl)-N-ethylamidoethan

**Inchi:** InChI=1S/C6H13ClF2NOPS/c1-3-10-12(13,4-2)11-6(8,9)5-7/h3-5H2,1-2H3,(H,10,13)  
**InchiKey:** KJHYXCXIIHHBIJ-UHFFFAOYSA-N  
**Formula:** C6H13ClF2NOPS  
**SMILES:** CCNP(=S)(CC)OC(F)(F)CCI  
**Mol. weight [g/mol]:** 251.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.16		Crippen Method
logp	2.773		Crippen Method
mcvol	163.840	ml/mol	McGowan Method
rinpole	1372.00		NIST Webbook
rinpole	1372.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.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=R544497&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpole:** Non-polar retention indices

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