

# O-Methyl-O-(1,1-difluoro-2-chloroethyl)-N-(1-meth

**Inchi:** InChI=1S/C7H15ClF2NO2PS/c1-4-6(2)11-14(15,12-3)13-7(9,10)5-8/h6H,4-5H2,1-3H3,(H  
**InchiKey:** SUKQJJCDFDQTBT-UHFFFAOYSA-N  
**Formula:** C7H15ClF2NO2PS  
**SMILES:** CCC(C)NP(=S)(OC)OC(F)(F)CCI  
**Mol. weight [g/mol]:** 281.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.56		Crippen Method
logp	3.094		Crippen Method
mcvol	183.800	ml/mol	McGowan Method
rmpol	1412.00		NIST Webbook
rmpol	1412.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R544155&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  
**mcvol:** McGowan's characteristic volume  
**rmpol:** Non-polar retention indices

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