

# Tropine, pentafluoropropionate

**Inchi:** InChI=1S/C11H14F5NO2/c1-17-6-2-3-7(17)5-8(4-6)19-9(18)10(12,13)11(14,15)16/h6-8H  
**InchiKey:** FXPLMCYIEIZHFL-UHFFFAOYSA-N  
**Formula:** C11H14F5NO2  
**SMILES:** CN1C2CCC1CC(OC(=O)C(F)(F)C(F)(F)F)C2  
**Mol. weight [g/mol]:** 287.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	2.352		Crippen Method
mcvol	170.400	ml/mol	McGowan Method
rinsol	1246.00		NIST Webbook
rinsol	1246.00		NIST Webbook

## 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=U375737&Units=SI>

## Legend

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

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