

# 5-Acetamino-1-[2,6-dichloro-4-(trifluoromethyl)ph

**Inchi:** InChI=1S/C14H6Cl2F6N4O2S/c1-5(27)24-12-11(29(28)14(20,21)22)9(4-23)25-26(12)10-13  
**InchiKey:** BICHUEJEIVUZMZ-UHFFFAOYSA-N  
**Formula:** C14H6Cl2F6N4O2S  
**SMILES:** CC(=O)Nc1c(S(=O)C(F)(F)F)c(C#N)nn1-c1c(Cl)cc(C(F)(F)F)cc1Cl  
**Mol. weight [g/mol]:** 479.18

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.57		Crippen Method
logp	4.655		Crippen Method
mcvol	255.110	ml/mol	McGowan Method
rinpol	1968.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U372985&Units=SI>

## Legend

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

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