

# Pyridine, 3,5-dichloro-2,4,6-trifluoro-

**Other names:** 3,5-Dichloro-2,4,6-trifluoropyridine  
**Inchi:** InChI=1S/C5Cl2F3N/c6-1-3(8)2(7)5(10)11-4(1)9  
**InchiKey:** PKSORSNCSXBXOT-UHFFFAOYSA-N  
**Formula:** C5Cl2F3N  
**SMILES:** Fc1nc(F)c(Cl)c(F)c1Cl  
**Mol. weight [g/mol]:** 201.96  
**CAS:** 1737-93-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.60		Crippen Method
logp	2.806		Crippen Method
mcvol	97.320	ml/mol	McGowan Method
tb	432.70	K	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1737935&Units=SI>  
**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>

## Legend

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

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