

# RTI 7

**Inchi:** InChI=1S/C16H14FNO/c17-9-10-18-15-8-4-2-6-13(15)11-12-5-1-3-7-14(12)16(18)19/h1-14  
**InchiKey:** SYGHQFHDDIIPNX-UHFFFAOYSA-N  
**Formula:** C16H14FNO  
**SMILES:** O=C1c2ccccc2Cc2ccccc2N1CCF  
**Mol. weight [g/mol]:** 255.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.54		Estimated Solubility Method
logp	3.207		Crippen Method
mcvol	191.240	ml/mol	McGowan Method

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Estimated Solubility Method:** [http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl\\_file/ci034243xsi20040112\\_053635.txt](http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl_file/ci034243xsi20040112_053635.txt)

## Legend

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

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