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/h1-8
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

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Estimated Solubility Method:	http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl_file/ci034243xsi20040112_053635.txt
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

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