1-(p-Fluorophenyl)piperazine

Other names:	1-(4-Fluorophenyl)piperazine
	N-(4-Fluorophenyl)piperazine
	Piperazine, 1-(4-fluorophenyl)-
	1-(4'-fluorophenyl)piperazine
Inchi:	InChI=1S/C10H13FN2/c11-9-1-3-10(4-2-9)13-7-5-12-6-8-13/h1-4,12H,5-8H2
InchiKey:	AVJKDKWRVSSJPK-UHFFFAOYSA-N
Formula:	C10H13FN2
SMILES:	Fc1ccc(N2CCNCC2)cc1
Mol. weight [g/mol]:	180.22
CAS:	2252-63-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.63		Crippen Method
logp	1.235		Crippen Method
mcvol	138.870	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	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=C2252633&Units=SI

Legend

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