Pyridine, 3-fluoro-

Other names: 3-Fluoropyridine
3-F-pyridine
Inchi: InChI=1S/C5H4FN/c6-5-2-1-3-7-4-5/h1-4H
InchiKey: CELKOWQJPVJKIL-UHFFFAOYSA-N
Formula: C5H4FN
SMILES: Fc1cccnc1
Mol. weight [g/mol]: 97.09
CAS: 372-47-4

Physical Properties

Property code	Value	Unit	Source
affp	902.00	kJ/mol	NIST Webbook
basg	870.10	kJ/mol	NIST Webbook
log10ws	-1.57		Crippen Method
logp	1.221		Crippen Method
mcvol	69.300	ml/mol	McGowan Method
tb	380.70	K	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C372474&Units=SI
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

Legend

affp: Proton affinity
basg: Gas basicity
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

tb: Normal Boiling Point Temperature