Pyridine, 2,3,5,6-tetrafluoro-

Other names: 2,3,5,6-Tetrafluoropyridine
Inchi: InChI=1S/C5HF4N/c6-2-1-3(7)5(9)10-4(2)8/h1H
InchiKey: HWIPMBCMGVXOKN-UHFFFAOYSA-N
Formula: C5HF4N
SMILES: Fc1cc(F)c(F)nc1F
Mol. weight [g/mol]: 151.06
CAS: 2875-18-5

Physical Properties

Property code	Value	Unit	Source
ea	0.40 ± 0.08	eV	NIST Webbook
log10ws	-2.56		Crippen Method
logp	1.638		Crippen Method
mcvol	74.610	ml/mol	McGowan Method
tb	375.20	K	NIST Webbook

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=C2875185&Units=SI

Legend

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