2-Fluoro-4-methylpyridine

Inchi: InChI=1S/C6H6FN/c1-5-2-3-8-6(7)4-5/h2-4H,1H3
InchiKey: ZBFAXMKJADVOGH-UHFFFAOYSA-N
Formula: C6H6FN
SMILES: Cc1ccnc(F)c1
Mol. weight [g/mol]: 111.12

Physical Properties

Property code	Value	Unit	Source
hf	-147.50	kJ/mol	Cheméo Relay (1.0)
hvap	41.09	kJ/mol	Cheméo Relay (1.0)
ie	9.53	eV	Cheméo Relay (1.0)
log10ws	-0.36		Cheméo Relay (1.0)
logp	1.529		Crippen Method
mcvol	83.390	ml/mol	McGowan Method
tb	407.85	K	Cheméo Relay (1.0)
tc	624.38	K	Cheméo Relay (1.0)
tf	276.21	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C461870&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point