2-(2-FLUOROBENZOYL)-PYRIDINE

Other names: Ketone, o-fluorophenyl 2-pyridyl
2-(2-Fluorobenzoyl)-pyridine
Inchi: InChI=1S/C12H8FNO/c13-10-6-2-1-5-9(10)12(15)11-7-3-4-8-14-11/h1-8H
InchiKey: NXJUUEIQHLXBPZ-UHFFFAOYSA-N
Formula: C12H8FNO
SMILES: O=C(c1ccccn1)c1ccccc1F
Mol. weight [g/mol]: 201.20

Physical Properties

Property code	Value	Unit	Source
hvap	82.60	kJ/mol	Cheméo Relay (1.0)
ie	9.11	eV	NIST Webbook
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logp	2.452		Crippen Method
mcvol	145.740	ml/mol	McGowan Method
tb	573.46	K	Cheméo Relay (1.0)
tf	335.67	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=C6238659&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

hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point