

2,6-Difluoropyridine

Other names:	Pyridine, 2,6-difluoro-
Inchi:	InChI=1S/C5H3F2N/c6-4-2-1-3-5(7)8-4/h1-3H
InchiKey:	MBTGBRYMJKYOE-UHFFFAOYSA-N
Formula:	C5H3F2N
SMILES:	Fc1cccc(F)n1
Mol. weight [g/mol]:	115.08
CAS:	1513-65-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.90		Crippen Method
logp	1.360		Crippen Method
mcvol	71.070	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	397.60	K	99.30	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1513651&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

Latest version available from:

<https://www.cheméo.com/cid/96-770-1/2-6-Difluoropyridine.pdf>

Generated by Cheméo on 2024-04-23 15:22:22.809745682 +0000 UTC m=+16174991.730322997.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.