

Pyridine, 3-chloro-2,4,5,6-tetrafluoro-

Other names: 3-Chloro-2,4,5,6-tetrafluoropyridine
Inchi: InChI=1S/C5ClF4N/c6-1-2(7)3(8)5(10)11-4(1)9
InchiKey: UXUZMYHSICIOQT-UHFFFAOYSA-N
Formula: C5ClF4N
SMILES: Fc1nc(F)c(Cl)c(F)c1F
Mol. weight [g/mol]: 185.51
CAS: 1735-84-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.25		Crippen Method
logp	2.291		Crippen Method
mcvol	86.850	ml/mol	McGowan Method
tb	392.70	K	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1735848&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

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

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