# 2-Hydroxypyridine, pentafluoropropionate

**Inchi:** InChI=1S/C8H4F5NO2/c9-7(10,8(11,12)13)6(15)16-5-3-1-2-4-14-5/h1-4H
**InchiKey:** WHSGEUAHAXMJCQ-UHFFFAOYSA-N
**Formula:** C8H4F5NO2
**SMILES:** O=C(Oc1ccccn1)C(F)(F)C(F)(F)F
**Mol. weight [g/mol]:** 241.11

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.95 | | Crippen Method |
| logp | 2.185 | | Crippen Method |
| mcvol | 126.090 | ml/mol | McGowan Method |
| rinpol | 951.00 | | NIST Webbook |
| rinpol | 951.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U376216&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
**rinpol:** Non-polar retention indices

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