# 2-Furoic acid, anhydride with acetic acid

**Inchi:** InChI=1S/C7H6O4/c1-5(8)11-7(9)6-3-2-4-10-6/h2-4H,1H3
**InchiKey:** CUXUNWLGWJGNJT-UHFFFAOYSA-N
**Formula:** C7H6O4
**SMILES:** CC(=O)OC(=O)c1ccco1
**Mol. weight [g/mol]:** 154.12

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.64 | | Crippen Method |
| logp | 0.983 | | Crippen Method |
| mcvol | 104.910 | ml/mol | McGowan Method |
| rinpol | 1165.00 | | NIST Webbook |
| rinpol | 1165.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U374355&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## 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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