# 3-Acetamido-5-acetylfuran

**Inchi:** InChI=1S/C8H9NO3/c1-5(10)8-3-7(4-12-8)9-6(2)11/h3-4H,1-2H3,(H,9,11)
**InchiKey:** GPLHPEIJJXDRBA-UHFFFAOYSA-N
**Formula:** C8H9NO3
**SMILES:** CC(=O)Nc1coc(C(C)=O)c1
**Mol. weight [g/mol]:** 167.16
**CAS:** 95598-28-0

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.07 | | Crippen Method |
| logp | 1.441 | | Crippen Method |
| mcvol | 123.110 | ml/mol | McGowan Method |
| rinpol | 1619.00 | | NIST Webbook |
| rinpol | 1619.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C95598280&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