# Formamide, n-(6-amino-3,4-dihydro-4-oxo-5-pyrimidinyl)-n-ben

**Inchi:** InChI=1S/C12H12N4O2/c13-11-10(12(18)15-7-14-11)16(8-17)6-9-4-2-1-3-5-9/h1-5,7-8H

**InchiKey:** PJPOUWBXGZIXIZ-UHFFFAOYSA-N

**Formula:** C12H12N4O2

**SMILES:** Nc1nc[nH]c(=O)c1N(C=O)Cc1ccccc1

**Mol. weight [g/mol]:** 244.25

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.31 | | Crippen Method |
| logp | 0.033 | | Crippen Method |
| mcvol | 179.780 | ml/mol | McGowan Method |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=B6009947&Units=SI

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume