

# 4-Piperidinone, 1-benzoyl-

**Other names:** 1-Benzoyl-4-oxopiperidine; 1-Benzoyl-4-piperidinone; 1-Benzoyl-4-piperidone; 1-Benzoyl-piperidin-4-one; 1-Benzoyl-piperidinoine; 4-Piperidone, 1-benzoyl-; N-Benzoyl-4-piperidone.

**InChI:** InChI=1S/C12H13NO2/c14-11-6-8-13(9-7-11)12(15)10-4-2-1-3-5-10/h1-5H,6-9H2

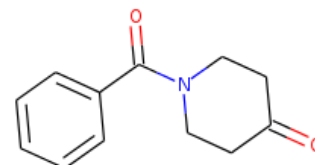
**InChI Key:** NZAXGZYPZGEVBD-UHFFFAOYSA-N

**Formula:** C12H13NO2

**SMILES:** O=C(c1ccccc1)N1CCC(=O)CC1

**Molecular Weight:** 203.24

**CAS:** 24686-78-0



## Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	1.49		Crippen Method

## Sources

**NIST Webbook:** [http://webbook.nist.gov/cgi/inchi/InChI=1S/C12H13NO2/c14-11-6-8-13\(9-7-11\)12\(15\)10-4-2-1-3-5-10/h1-5H,6-9H2](http://webbook.nist.gov/cgi/inchi/InChI=1S/C12H13NO2/c14-11-6-8-13(9-7-11)12(15)10-4-2-1-3-5-10/h1-5H,6-9H2)

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

$\log P_{\text{oct/wat}}$ : Octanol/Water partition coefficient .

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