# 2-Amino-4-p-nitrophenyl oxazole

**Inchi:** InChI=1S/C9H7N3O3/c10-9-11-8(5-15-9)6-1-3-7(4-2-6)12(13)14/h1-5H,(H2,10,11)
**InchiKey:** OZYUAUHAEUXMQP-UHFFFAOYSA-N
**Formula:** C9H7N3O3
**SMILES:** Nc1nc(-c2ccc([N+](=O)[O-])cc2)co1
**Mol. weight [g/mol]:** 205.17
**CAS:** 68101-31-5

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.86 | | Crippen Method |
| logp | 1.832 | | Crippen Method |
| mcvol | 137.700 | ml/mol | McGowan Method |

## Sources

**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
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C68101315&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume