# pteridin-2-amine

**Inchi:** InChI=1S/C6H5N5/c7-6-10-3-4-5(11-6)9-2-1-8-4/h1-3H,(H2,7,9,10,11)
**InchiKey:** HYCZDWGCJOEHBO-UHFFFAOYSA-N
**Formula:** C6H5N5
**SMILES:** Nc1ncc2nccnc2n1
**Mol. weight [g/mol]:** 147.14

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.30 | | Aqueous and cosolvent solubility data for drug-like organic compounds |
| logp | 0.002 | | Crippen Method |
| mcvol | 102.080 | ml/mol | McGowan Method |

## Sources

**Aqueous and cosolvent solubility data for drug-like organic compounds:** https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2751500/
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**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