

# Hydroxy-N-methylcytisine

**Inchi:** InChI=1S/C12H16N2O2/c1-13-6-8-5-9(7-13)12(16)14-10(8)3-2-4-11(14)15/h2-4,8-9,12,1  
**InchiKey:** XEYCQYZMQKENBX-UHFFFAOYSA-N  
**Formula:** C12H16N2O2  
**SMILES:** CN1CC2CC(C1)C(O)n1c2cccc1=O  
**Mol. weight [g/mol]:** 220.27

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -1.02   |        | Crippen Method |
| logp          | 0.388   |        | Crippen Method |
| mcvol         | 166.160 | ml/mol | McGowan Method |
| rinpol        | 2217.00 |        | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=R335263&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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