# 1,3-Dimethyltetrahydro-2(1H)pyrimidine

**Inchi:** InChI=1S/C6H12N2/c1-7-4-3-5-8(2)6-7/h3-4H,5-6H2,1-2H3
**InchiKey:** UPCMWHVBPPBFPF-UHFFFAOYSA-N
**Formula:** C6H12N2
**SMILES:** CN1C=CCN(C)C1
**Mol. weight [g/mol]:** 112.17

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -0.21 | | Crippen Method |
| logp | 0.335 | | Crippen Method |
| mcvol | 100.200 | ml/mol | McGowan Method |
| rinpol | 1007.00 | | NIST Webbook |
| rinpol | 1010.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R588526&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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