# Piperidine, 2,6-dimethyl-1-propyl

**Inchi:** InChI=1S/C10H21N/c1-4-8-11-9(2)6-5-7-10(11)3/h9-10H,4-8H2,1-3H3
**InchiKey:** HCKICCKEVDEPQS-UHFFFAOYSA-N
**Formula:** C10H21N
**SMILES:** CCCN1C(C)CCCC1C
**Mol. weight [g/mol]:** 155.28

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.70 | | Crippen Method |
| logp | 2.659 | | Crippen Method |
| mcvol | 150.880 | ml/mol | McGowan Method |
| rinpol | 1072.00 | | NIST Webbook |
| rinpol | 1072.00 | | NIST Webbook |
| ripol | 1190.00 | | NIST Webbook |
| ripol | 1190.00 | | 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=R222132&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
**ripol:** Polar retention indices