# 1H-Imidazole, 5-methyl-1-pentyl

**Inchi:** InChI=1S/C9H16N2/c1-3-4-5-6-11-8-10-7-9(11)2/h7-8H,3-6H2,1-2H3
**InchiKey:** VNGZUUNTYHPODP-UHFFFAOYSA-N
**Formula:** C9H16N2
**SMILES:** CCCCCn1cncc1C
**Mol. weight [g/mol]:** 152.24

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.23 | | Crippen Method |
| logp | 2.382 | | Crippen Method |
| mcvol | 138.170 | ml/mol | McGowan Method |
| rinpol | 1380.00 | | NIST Webbook |
| rinpol | 1380.00 | | NIST Webbook |
| ripol | 2083.00 | | NIST Webbook |
| ripol | 2083.00 | | NIST Webbook |

## Sources

**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=R68384&Units=SI
**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
**rinpol:** Non-polar retention indices
**ripol:** Polar retention indices