

1H-Indole, 2,6-dimethyl-

| | |
|-----------------------------|--|
| Other names: | Indole, 2,6-dimethyl- 2,6-Dimethylindole |
| Inchi: | InChI=1S/C10H11N/c1-7-3-4-9-6-8(2)11-10(9)5-7/h3-6,11H,1-2H3 |
| InchiKey: | IVEOPBYBMLADDC-UHFFFAOYSA-N |
| Formula: | C10H11N |
| SMILES: | <chem>Cc1ccc2cc(C)[nH]c2c1</chem> |
| Mol. weight [g/mol]: | 145.20 |
| CAS: | 5649-36-5 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -3.45 | | Crippen Method |
| logp | 2.303 | | Crippen Method |
| mcvol | 122.820 | ml/mol | McGowan Method |
| tb | 546.20 | K | NIST Webbook |

Pressure Dependent Properties

| Property code | Value | Unit | Pressure [kPa] | Source |
|---------------|--------|------|----------------|--------------|
| tbrp | 426.20 | K | 1.50 | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C5649365&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| McGowan Method: | http://link.springer.com/article/10.1007/BF02311772 |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |
| tb: | Normal Boiling Point Temperature |
| tbrp: | Boiling point at reduced pressure |

Latest version available from:

<https://www.cheméo.com/cid/75-610-1/1H-Indole-2-6-dimethyl.pdf>

Generated by Cheméo on 2026-05-10 20:20:54.231693838 +0000 UTC m=+2209803.289776059.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.