# Dictamnine

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|---|---|
| **Other names:** | Furo[2,3-b]quinoline, 4-methoxy-<br>Dictamine<br>Diktaminin |
| **Inchi:** | InChI=1S/C12H9NO2/c1-14-11-8-4-2-3-5-10(8)13-12-9(11)6-7-15-12/h2-7H,1H3 |
| **InchiKey:** | WIONIXOBNMDJFJ-UHFFFAOYSA-N |
| **Formula:** | C12H9NO2 |
| **SMILES:** | COc1c2ccccc2nc2occc12 |
| **Mol. weight [g/mol]:** | 199.21 |
| **CAS:** | 484-29-7 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -8.70 | | Crippen Method |
| logp | 2.990 | | Crippen Method |
| mcvol | 143.280 | ml/mol | McGowan Method |
| rinpol | 1958.10 | | NIST Webbook |
| rinpol | 1958.10 | | NIST Webbook |

# Sources

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|---|---|
| **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=C484297&Units=SI |

# Legend

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|---|---|
| **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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