# 2,4-Dicyanopyridine

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|---|---|
| **Other names:** | Pyridine-2,4-dicarbonitrile |
| | 2,4-Pyridinedicarbonitrile |
| **Inchi:** | InChI=1S/C7H3N3/c8-4-6-1-2-10-7(3-6)5-9/h1-3H |
| **InchiKey:** | HLAGQMFURMNTLW-UHFFFAOYSA-N |
| **Formula:** | C7H3N3 |
| **SMILES:** | N#Cc1ccnc(C#N)c1 |
| **Mol. weight [g/mol]:** | 129.12 |
| **CAS:** | 29181-50-8 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.94 | | Crippen Method |
| logp | 0.825 | | Crippen Method |
| mcvol | 98.470 | ml/mol | McGowan Method |

# 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=C29181508&Units=SI |

# Legend

| | |
|---|---|
| **log10ws:** | Log10 of Water solubility in mol/l |
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |

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