

Pyridine, 2,5-dichloro-

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|-----------------------------|--|
| Other names: | 2,5-Dichloropyridine |
| Inchi: | InChI=1S/C5H3Cl2N/c6-4-1-2-5(7)8-3-4/h1-3H |
| InchiKey: | GCTFDMFLLBCLPF-UHFFFAOYSA-N |
| Formula: | C5H3Cl2N |
| SMILES: | Clc1ccc(Cl)nc1 |
| Mol. weight [g/mol]: | 147.99 |
| CAS: | 16110-09-1 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------------|--------|----------------|
| hsub | 67.10 ± 2.00 | kJ/mol | NIST Webbook |
| log10ws | -2.61 | | Crippen Method |
| logp | 2.388 | | Crippen Method |
| mcvol | 92.010 | ml/mol | McGowan Method |

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=C16110091&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

Legend

| | |
|-----------------|--|
| hsub: | Enthalpy of sublimation at standard conditions |
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |

Latest version available from:

<https://www.chemeo.com/cid/98-443-2/Pyridine-2-5-dichloro.pdf>

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