

2-Chloro-6-ethoxypyridine

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|-----------------------------|---|
| Other names: | Pyridine, 2-chloro-6-ethoxy- |
| Inchi: | InChI=1S/C7H8ClNO/c1-2-10-7-5-3-4-6(8)9-7/h3-5H,2H2,1H3 |
| InchiKey: | AMSLPXHLKHZWBJ-UHFFFAOYSA-N |
| Formula: | C7H8ClNO |
| SMILES: | CCOc1cccc(Cl)n1 |
| Mol. weight [g/mol]: | 157.60 |
| CAS: | 42144-78-5 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -2.46 | | Crippen Method |
| logp | 2.134 | | Crippen Method |
| mcvol | 113.820 | ml/mol | McGowan Method |
| rinsol | 1100.00 | | NIST Webbook |
| rinsol | 1100.00 | | 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=C42144785&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |
| rinsol: | Non-polar retention indices |

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