# 2-Iodo-3-hydroxypyridine

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|---|---|
| **Other names:** | 2-Iodo-3-hydroxypyridine |
| | 3-Pyridinol, 2-iodo- |
| | Pyridine, 2-iodo-3-hydroxy- |
| | 2-iodopyridin-3-ol |
| **Inchi:** | InChI=1S/C5H4INO/c6-5-4(8)2-1-3-7-5/h1-3,8H |
| **InchiKey:** | HJBGMPCMSWJZNH-UHFFFAOYSA-N |
| **Formula:** | C5H4INO |
| **SMILES:** | Oc1cccnc1I |
| **Mol. weight [g/mol]:** | 221.00 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | 69.66 | kJ/mol | Cheméo Relay (1.0) |
| ie | 8.68 | eV | Cheméo Relay (1.0) |
| log10ws | -1.02 | | Cheméo Relay (1.0) |
| logp | 1.392 | | Crippen Method |
| mcvol | 99.220 | ml/mol | McGowan Method |
| tf | 340.48 | K | Cheméo Relay (1.0) |

# 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 |
| **Cheméo Relay (1.0):** | |
| **Cheméo Relay (1.0, beta):** | |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C40263578&Units=SI |
| **McGowan Method:** | http://link.springer.com/article/10.1007/BF02311772 |

# Legend

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|---|---|
| **hf:** | Enthalpy of formation at standard conditions |

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|---|---|
| **ie:** | Ionization energy |
| **log10ws:** | Log10 of Water solubility in mol/l |
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |
| **tf:** | Normal melting (fusion) point |