# 6-Aminonicotinamide

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|---|---|
| **Other names:** | 3-Pyridinecarboxamide, 6-amino- |
| | 2-Amino-5-carbamoylpyridine |
| | Nicotinamide, 6-amino- |
| | FDA 0121 |
| | NSC 21206 |
| | U-8774 |
| | 6-Amino-nicotinsaeureamid |
| | 6-Aminonicotinic acid amide |
| | 6-Aminonikotinsaeureamid |
| | 6-AN |
| | 6-ANA |
| | SR 4388 |
| | 6-Amino-3-pyridinecarboxamide |
| **Inchi:** | InChI=1S/C6H7N3O/c7-5-2-1-4(3-9-5)6(8)10/h1-3H,(H2,7,9)(H2,8,10) |
| **InchiKey:** | ZLWYEPMDOUQDBW-UHFFFAOYSA-N |
| **Formula:** | C6H7N3O |
| **SMILES:** | NC(=O)c1ccc(N)nc1 |
| **Mol. weight [g/mol]:** | 137.14 |
| **CAS:** | 329-89-5 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.04 | | Crippen Method |
| logp | -0.237 | | Crippen Method |
| mcvol | 103.150 | ml/mol | McGowan Method |

# Sources

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|---|---|
| **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=C329895&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |

# Legend

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

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