

6-Aminonicotinamide

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:	<chem>NC(=O)c1ccc(N)nc1</chem>
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
mccvol	103.150	ml/mol	McGowan Method

Sources

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/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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