

4-Aminopyridine Biochemical

4-Aminopyridine

 CATALOG #
AAA210696

PRODUCT SYNONYMS

4-Aminopyridine; 4-aminopyridine; Pyridin-4-amine; Fampridine; 4-Pyridinamine; 504-24-5; 4-Pyridylamine; 4-Aminopyridine biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Solubility	In vitro: DMSO: 15 mg/mL (159.38 mM) Ethanol: <1 mg/mL * <1 mg/ml means slightly soluble or insoluble. * Please note that the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
Formula	C ₅ H ₆ N ₂
SMILES	C1=CN=CC=C1N
CAS Number	504-24-5
Preparation and Storage	Store at -20°C (powder form)

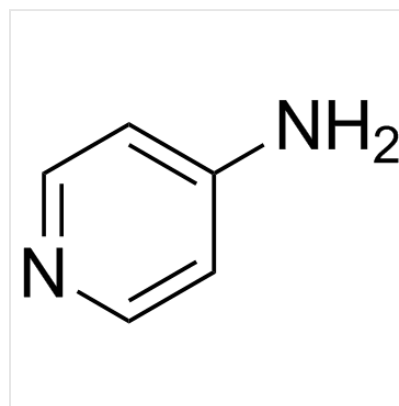
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Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
0.1 mM	106.26 mL	531.29 mL	1062.59 mL
0.5 mM	21.25 mL	106.26 mL	212.52 mL
1 mM	10.63 mL	53.13 mL	106.26 mL
5 mM	2.13 mL	10.63 mL	21.26 mL

*The above data is based on the product molecular weight 94.10. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

Application Data

Preparing stock solution



Chemical Structure

ADDITIONAL INFORMATION

Related Product Information for 4-Aminopyridine biochemical	Dalfampridine is a potassium channel blocker used to help multiple sclerosis patients walk.
Product Categories/Family for 4-Aminopyridine biochemical	Potassium channel blocker

NCBI AND UNIPROT INFORMATION

Molecular Weight	94.11
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/4-aminopyridine/210696>