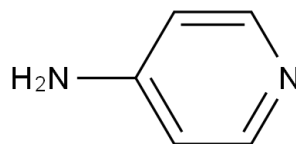


Product Name : 4-Aminopyridine
Synonyms : 4-AP; BRL 34915; Dalfampridine; Fampridine; NSC 15041
Cat No. : M14717
CAS Number : 504-24-5
Molecular Formula : C₅H₆N₂
Formula Weight : 94.11
Chemical Name : pyridin-4-amine



Description : 4-Aminopyridine is a nonselective K⁺ channel blocker that binds from the cytoplasmic side of the cell membrane. Target: Potassium Channel 4-Aminopyridine(4AP) is a nonselective K⁺ channel blocker that binds from the cytoplasmic side of the cell membrane.
Pathway : Cell Cycle/DNA Damage
Target : Potassium Channel
Receptor : Potassium Channel
Solubility : Soluble in Water
SMILES : C1=CN=CC=C1N
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Sherratt, R.M., H. Bostock, and T.A. Sears, Effects of 4-aminopyridine on normal and demyelinated mammalian nerve fibres. *nature*, 1980. 283(5747): p. 570-2.| 2. Bouchard, R. and D. Fedida, Closed- and open-state binding of 4-aminopyridine to the cloned human potassium channel Kv1.1. *J Pharmacol Exp Ther*, 1995. 275(2): p. 864-76.