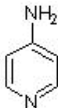


### 4-Aminopyridine (4-AP), K<sup>+</sup> channel blocker ab120122

**11 References**   **2 图像**

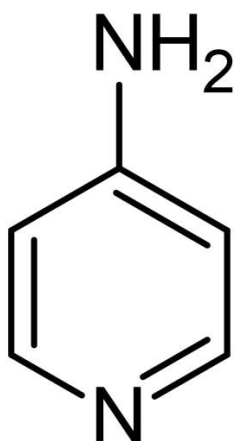
#### 概述

产品名称	4-Aminopyridine (4-AP), K <sup>+</sup> channel blocker
描述	K <sup>+</sup> channel blocker
生物学描述	Potassium channel blocker. Blocks Kv channels. Convulsant, and useful tool to model epileptiform activity <i>in vitro</i> .
CAS编号	504-24-5
化学结构	

#### 性能

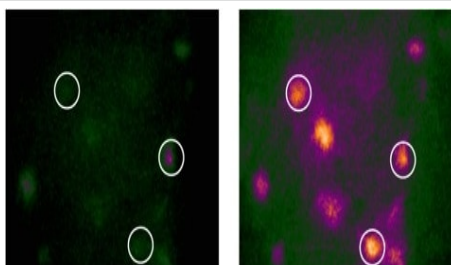
化学名称	4-Aminopyridine
分子量	94.12
分子式	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub>
PubChem识别号	1727
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
SMILES	Nc1ccncc1
来源	Synthetic

#### 图片



2D chemical structure image of ab120122, 4-Aminopyridine (4-AP), K<sup>+</sup> channel blocker

Chemical Structure - 4-Aminopyridine (4-AP), K<sup>+</sup> channel blocker (ab120122)



4-AP-induced LFPs provoke AP firing from SST-interneurons. Representative images of GCaMP3 signal in a visual field containing several SST interneurons before (left) and during (right) LFPF-CA3/DG (induced with 4-AP).

Grosser S et al., PloS one., 9(1): e86250. Fig 3A.; doi: 10.1371/journal.pone.0086250

Immunocytochemistry/ Immunofluorescence - 4-Aminopyridine (4-AP), K<sup>+</sup> channel blocker (ab120122)

Image from Grosser S et al., PloS one., 9(1): e86250. Fig 3A.; doi: 10.1371/journal.pone.0086250  
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