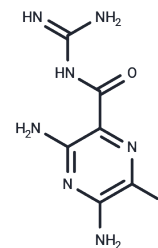


## 6-Iodoamiloride

## Chemical Properties

CAS No. :	60398-23-4
Formula:	C <sub>6</sub> H <sub>8</sub> N <sub>7</sub> O
Molecular Weight:	321.08
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	6-Iodoamiloride is a potent inhibitor of acid-sensing ion channel 1 (ASIC1), exhibiting an IC <sub>50</sub> value of 88 nM. It also effectively inhibits ASIC3-mediated currents in rat dorsal root ganglion neurons, with an IC <sub>50</sub> of 230 nM [1].
Targets(IC <sub>50</sub> )	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1145 mL	15.5724 mL	31.1449 mL
5 mM	0.6229 mL	3.1145 mL	6.229 mL
10 mM	0.3114 mL	1.5572 mL	3.1145 mL
50 mM	0.0623 mL	0.3114 mL	0.6229 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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