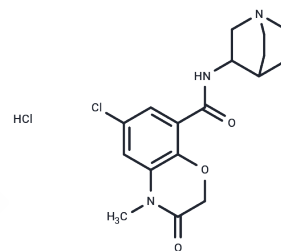


## Azasetron hydrochloride

## Chemical Properties

CAS No. :	123040-16-4
Formula:	C <sub>17</sub> H <sub>20</sub> ClN <sub>3</sub> O <sub>3</sub> ·HCl
Molecular Weight:	386.27
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	Azasetron hydrochloride (Y-25130 HCl) is a 5-HT <sub>3</sub> receptor antagonist which is used as an anti-emetic.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Solubility Information

Solubility	DMSO: Insoluble, H <sub>2</sub> O: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5889 mL	12.9443 mL	25.8886 mL
5 mM	0.5178 mL	2.5889 mL	5.1777 mL
10 mM	0.2589 mL	1.2944 mL	2.5889 mL
50 mM	0.0518 mL	0.2589 mL	0.5178 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.

## Reference

Katayama K, et al. Jpn J Pharmacol. 1997 Apr;73(4):357-60.

Wang W, Li J, Qi W, et al. Drug repurposing for hard-to-treat human alveolar echinococcosis: pyronaridine and beyond. Parasitology. 2024: 1-8.

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