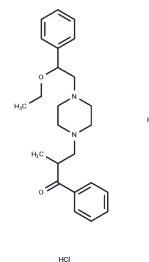


## Eprazinone dihydrochloride

## Chemical Properties

CAS No. :	10402-53-6
Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub> ·2HCl
Molecular Weight:	453.44
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	Eprazinone dihydrochloride (NSC 317935) is a mucolytic with antitussive and mucolytic effect.
Targets(IC50)	Neurokinin receptor
In vivo	Eprazinone 2HCl is a drug with proposed mucolytic, secretolytic, and bronchial antispasmodic properties. Eprazinone 2HCl improves pulmonary function and arterial pOO. Eprazinone also appears to have an antitussive and mucolytic effect. Eprazinone influences both bronchoalveolar lavage fluid (BAL) lipid levels and ion transport. [1]

## Solubility Information

Solubility	DMSO: 1 mg/mL (2.21 mM),Sonication is recommended. H <sub>2</sub> O: 14.3 mg/mL (31.54 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	2.2054 mL	11.0268 mL	22.0536 mL
5 mM	0.4411 mL	2.2054 mL	4.4107 mL
10 mM	0.2205 mL	1.1027 mL	2.2054 mL
50 mM	0.0441 mL	0.2205 mL	0.4411 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

Thrall RS, et al. Exp Lung Res, 1992, 18(3), 409-420.

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