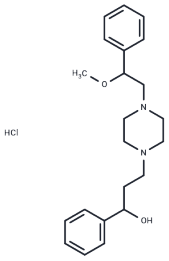
Data Sheet (Cat.No.T25383)

TargetMol

Eprozinol dihydrochloride

Chemical Properties



CAS No. : 27588-43-8

Formula: C22H31ClN2O2

Molecular Weight: 390.95

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	Eprozinol dihydrochloride has anti-bronchoconstrictive activity.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5579 mL	12.7894 mL	25.5787 mL
5 mM	0.5116 mL	2.5579 mL	5.1157 mL
10 mM	0.2558 mL	1.2789 mL	2.5579 mL
50 mM	0.0512 mL	0.2558 mL	0.5116 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

Merigot P, Garnier R, Efthymiou ML. [Convulsions with 3 antitussive substituted derivatives of piperazine (zipeprol, eprazinone, eprozinol)]. Ann Pediatr (Paris). 1985 Jun;32(6):504-6, 511. French. PubMed PMID: 4026148.

Labrid C, Duchene-Marullaz P, Rispat G. Mechanisms of anti-bronchoconstrictive effects of eprozinol. II. In vivo studies on the guinea pig. Pharmacology. 1981;23(1):48-55. PubMed PMID: 7312935.

Labrid C, Burtin C, Stoclet JC, Dureng G, Schoeffter P, Lebel B, Duchene-Marullaz P. Mechanisms of anti-bronchoconstrictive effects of eprozinol. I. In vitro studies. Pharmacology. 1981;23(1):31-47. PubMed PMID: 6171839.

Nicrosini F, Carpinella G. [Eprozinol treatment of chronic bronchitis with dyspnea and cough]. Bronchopneumologie. 1978 Jul-Aug;28(4):322-7. French. PubMed PMID: 756799.

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