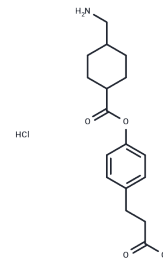


Cetraxate hydrochloride

Chemical Properties

CAS No. :	27724-96-5
Formula:	C ₁₇ H ₂₄ ClNO ₄
Molecular Weight:	341.83
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	Cetraxate hydrochloride (DV10062) is an oral gastrointestinal medication. It has a cytoprotective effect.
Targets(IC50)	Serine Protease,Serine/threonin kinase

Solubility Information

Solubility	DMSO: 60 mg/mL (175.53 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.85 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9254 mL	14.6272 mL	29.2543 mL
5 mM	0.5851 mL	2.9254 mL	5.8509 mL
10 mM	0.2925 mL	1.4627 mL	2.9254 mL
50 mM	0.0585 mL	0.2925 mL	0.5851 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

- Oka M, Ichinose M, Fujishiro M, Omata M. [Cetraxate hydrochloride (Neuer) induces the effectiveness of new triple therapy in H. pylori eradication]. Nihon Rinsho. 2005 Nov;63 Suppl 11:461-4. Japanese. PubMed PMID: 16363579.
- Kubota K, Shimizu N, Nozaki K, et al. Efficacy of triple therapy plus cetraxate for the Helicobacter pylori eradication in partial gastrectomy patients. Dig Dis Sci. 2005 May;50(5):842-6.
- Wu CJ, Hsu PI, et al. Comparison of cetraxate-based and pantoprazole-based triple therapies in the treatment of Helicobacter pylori infection. J Chin Med Assoc. 2004 Apr;67(4):161-7. PubMed PMID: 15244013.
- Katagiri F, Sato Y, Itoh H, Takeyama M. Cetraxate raises levels of calcitonin gene-related peptide and substance P in human plasma. J Pharm Pharmacol. 2004 Apr;56(4):557-61.

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