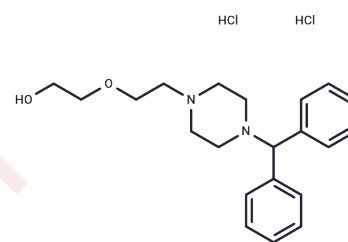


Decloxizine dihydrochloride

Chemical Properties

CAS No. :	13073-96-6
Formula:	C ₂₁ H ₂₈ N ₂ O ₂ ·2ClH
Molecular Weight:	413.39
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	Decloxizine dihydrochloride (UCB 1402 dihydrochloride) is a histamine 1 receptor antagonist.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (120.95 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 (4.84 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	2.419 mL	12.0951 mL	24.1902 mL
5 mM	0.4838 mL	2.419 mL	4.838 mL
10 mM	0.2419 mL	1.2095 mL	2.419 mL
50 mM	0.0484 mL	0.2419 mL	0.4838 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

Vaerenberg C . [Study of the possible effect of declozine on blood gas levels][]. Acta Tuberc Pneumol Belg, 1968, 59(4):633-636.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481