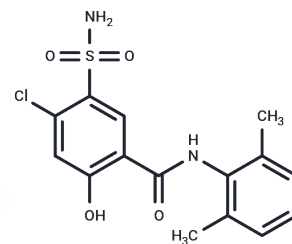


Xipamide

Chemical Properties

CAS No. :	14293-44-8
Formula:	C ₁₅ H ₁₅ ClN ₂ O ₄ S
Molecular Weight:	354.81
Storage:	Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Xipamide (Diurexan) is a sulfonamide-based diuretic with antihypertensive properties. Xipamide selectively inhibits anion exchanger.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 200 mg/mL (563.68 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: 5 mg/mL (14.09 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	2.8184 mL	14.092 mL	28.1841 mL
5 mM	0.5637 mL	2.8184 mL	5.6368 mL
10 mM	0.2818 mL	1.4092 mL	2.8184 mL
50 mM	0.0564 mL	0.2818 mL	0.5637 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

Prichard BN, et al. Xipamide. A review of its pharmacodynamic and pharmacokinetic properties and therapeutic efficacy. *Drugs*. 1985 Oct;30(4):313-32.

Hannaert P, et al. Beneficial effects of xipamide on pH and Ca²⁺ ions of cardiac cells. *Arch Mal Coeur Vaiss*. 1990 Jul;83(8):1271-4.

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