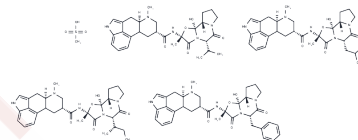


Dihydroergotoxine mesylate

Chemical Properties

CAS No. :	8067-24-1
Formula:	C ₂₀ H ₂₉ N ₃ O ₅ S
Molecular Weight:	423.53
Storage:	Keep away from direct sunlight 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	Dihydroergotoxine mesylate (Ergoloid mesylates) is mainly used to improve symptoms and physical symptoms of mental degeneration related to aging.
Targets(IC50)	GABA Receptor, Adrenergic Receptor, Chloride channel, Dopamine Receptor, PDE

Solubility Information

Solubility	DMSO: 50.00 mg/mL (118.06 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: 2.00 mg/mL (4.72 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	2.3611 mL	11.8055 mL	23.6111 mL
5 mM	0.4722 mL	2.3611 mL	4.7222 mL
10 mM	0.2361 mL	1.1806 mL	2.3611 mL
50 mM	0.0472 mL	0.2361 mL	0.4722 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

Abdul M, et al. Expression of gamma-aminobutyric acid receptor (subtype A) in prostate cancer. Acta Oncol. 2008; 47(8):1546-50.

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