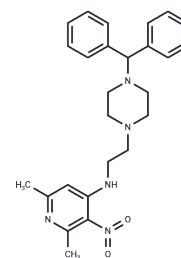


Elbanizine

Chemical Properties

CAS No. :	110629-41-9
Formula:	C ₂₆ H ₃₁ N ₅ O ₂
Molecular Weight:	445.56
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	Elbanizine showed antiallergic, antiasthmatic, antihistaminic, and spasmolytic activity.
Targets(IC50)	Others,Histamine Receptor

Solubility Information

Solubility	DMSO: 25 mg/mL (56.11 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2444 mL	11.2218 mL	22.4437 mL
5 mM	0.4489 mL	2.2444 mL	4.4887 mL
10 mM	0.2244 mL	1.1222 mL	2.2444 mL
50 mM	0.0449 mL	0.2244 mL	0.4489 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

Anagnostopoulos H, et al. Synthesis of basic substituted pyridines: a new class of antiasthmatic-antiallergic agents. European journal of medicinal chemistry, 1989, 24(3): 227-232.

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