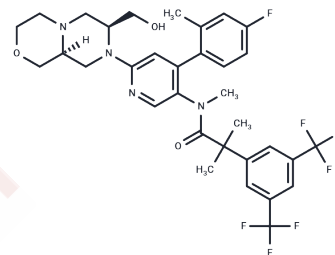


Elinzanetant

Chemical Properties

CAS No. :	929046-33-3
Formula:	C ₃₃ H ₃₅ F ₇ N ₄ O ₃
Molecular Weight:	668.64
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	Elinzanetant is a dual antagonist of neurokinin (NK) receptors 1 and 3 and modulates reproductive hormone secretion.
Targets(IC50)	Neurokinin receptor

Solubility Information

Solubility	DMSO: 100 mg/mL (149.56 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: 4 mg/mL (5.98 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	1.4956 mL	7.4779 mL	14.9557 mL
5 mM	0.2991 mL	1.4956 mL	2.9911 mL
10 mM	0.1496 mL	0.7478 mL	1.4956 mL
50 mM	0.0299 mL	0.1496 mL	0.2991 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

Alvaro, Giuseppe; Andreotti, Daniele; Belvedere, Sandro; Di Fabio, Romano; Falchi, Alessandro; Giovannini, Riccardo. Pyridine derivatives as NK receptor inhibitors and their preparation, pharmaceutical compositions, and use in the treatment of psychotic disorders. CN101305011B

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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