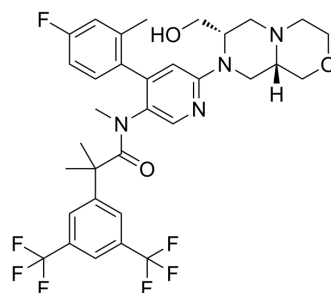


Elinzanetant

Cat. No.:	HY-109171		
CAS No.:	929046-33-3		
Molecular Formula:	C ₃₃ H ₃₅ F ₇ N ₄ O ₃		
Molecular Weight:	668.64		
Target:	Neurokinin Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (149.56 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (3.74 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.74 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Elinzanetant (NT-814) is an orally active, selective NK-1,3 receptor antagonist. Elinzanetant can improve vascular dilation and schizophrenia, and reduce levels of estradiol and progesterone^{[1][2][3]}.

REFERENCES

[1]. Simon JA, et al. Efficacy and safety of elinzanetant, a selective neurokinin-1,3 receptor antagonist for vasomotor symptoms: a dose-finding clinical trial (SWITCH-1). *Menopause*. 2023 Mar 1;30(3):239-246.

[2]. Steve Pawsey, et al. Elinzanetant (NT-814), a Neurokinin 1,3 Receptor Antagonist, Reduces Estradiol and Progesterone in Healthy Women. *J Clin Endocrinol Metab*. 2021

Jul 13;106(8):e3221-e3234.

[3]. 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

Caution: Product has not been fully validated for medical applications. For research use only.

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