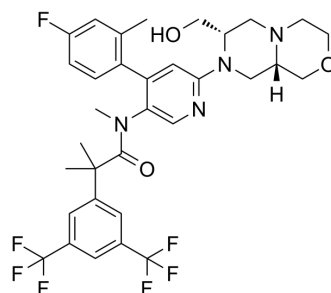


## Elinzanetant

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



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (149.56 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
<b>Preparing Stock Solutions</b>	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.				
<b>In Vivo</b>	1. 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			
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.74 mM); Clear solution			

### BIOLOGICAL ACTIVITY

<b>Description</b>	Elinzanetant (NT-814) is an orally active, selective NK-1,3 receptor antagonist. Elinzanetant can be used in vasomotor and schizophrenia studies <sup>[1][2]</sup> .
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### 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.

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[2]. 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

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

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