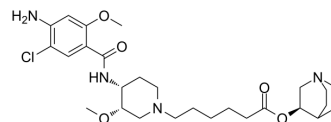


Naronapride

Cat. No.:	HY-121826		
CAS No.:	860174-12-5		
Molecular Formula:	C ₂₇ H ₄₁ ClN ₄ O ₅		
Molecular Weight:	537.09		
Target:	5-HT 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 (186.19 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		1.8619 mL	9.3094 mL	18.6189 mL
		5 mM		0.3724 mL	1.8619 mL	3.7238 mL
10 mM			0.1862 mL	0.9309 mL	1.8619 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (4.65 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (4.65 mM); Clear solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (4.65 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Naronapride (ATI-7505) is a potent prokinetic 5-HT ₄ receptor agonist. Naronapride can be used for gastrointestinal diseases research ^[1] .
IC ₅₀ & Target	5-HT ₄ Receptor

REFERENCES

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

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