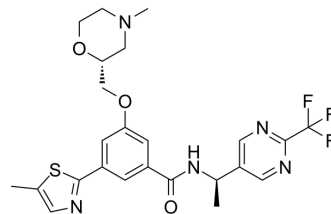


Filapixant

Cat. No.:	HY-109173		
CAS No.:	1948232-63-0		
Molecular Formula:	C ₂₄ H ₂₆ F ₃ N ₅ O ₃ S		
Molecular Weight:	521.56		
Target:	P2X Receptor		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 146.67 mg/mL (281.21 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.9173 mL	9.5866 mL	19.1732 mL
		5 mM	0.3835 mL	1.9173 mL	3.8346 mL
		10 mM	0.1917 mL	0.9587 mL	1.9173 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: 5.5 mg/mL (10.55 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5.5 mg/mL (10.55 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5.5 mg/mL (10.55 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Filapixant is a purinoreceptor antagonist extracted from patent WO2016091776A1, example 348. Filapixant is the active reference substance of Eliapixant ^[1] .
IC₅₀ & Target	purinoreceptor ^[1]

REFERENCES

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

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