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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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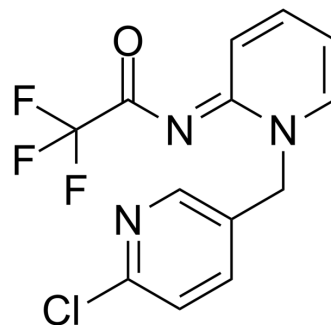
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Flupyrimin

Cat. No.:	HY-145297		
CAS No.:	1689566-03-7		
Molecular Formula:	C ₁₃ H ₉ ClF ₃ N ₃ O		
Molecular Weight:	315.68		
Target:	nAChR		
Pathway:	Membrane Transporter/Ion Channel; 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 : 250 mg/mL (791.94 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.1678 mL	15.8388 mL	31.6776 mL
		5 mM		0.6336 mL	3.1678 mL	6.3355 mL
		10 mM		0.3168 mL	1.5839 mL	3.1678 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: ≥ 2.08 mg/mL (6.59 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.59 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.59 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Flupyrimin acts as an antagonist at the insect nicotinic acetylcholine receptor (nAChR) ^[1] .
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REFERENCES

[1]. Terajima T, et al. Deciphering the Flupyrimin Binding Surface on the Insect Nicotinic Acetylcholine Receptor. J Agric Food Chem. 2021;69(33):9551-9556.

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

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