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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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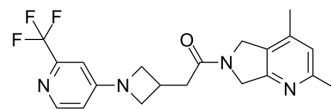
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Emraclidine

Cat. No.:	HY-132812		
CAS No.:	2170722-84-4		
Molecular Formula:	C ₂₀ H ₂₁ F ₃ N ₄ O		
Molecular Weight:	390.4		
Target:	mAChR		
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 : 25 mg/mL (64.04 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.5615 mL	12.8074 mL	25.6148 mL
		5 mM		0.5123 mL	2.5615 mL	5.1230 mL
		10 mM		0.2561 mL	1.2807 mL	2.5615 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 (6.40 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.40 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Emraclidine (CVL-231) is a muscarinic M4 receptor positive allosteric modulator (WO2018002760, compound 11). Emraclidine can be used for the research of neurological diseases ^[1] .
IC ₅₀ & Target	Muscarinic M4 Receptor ^[1]
In Vitro	Emraclidine is a muscarinic M4 receptor positive allosteric modulator ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. WO2018002760

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

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