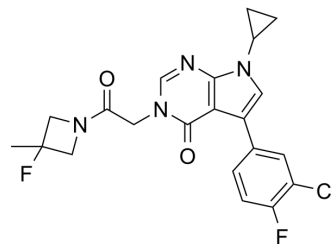


Plazinemdor

Cat. No.:	HY-139580		
CAS No.:	2378285-59-5		
Molecular Formula:	C ₂₁ H ₁₉ ClF ₂ N ₄ O ₂		
Molecular Weight:	432.85		
Target:	iGluR		
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 : 100 mg/mL (231.03 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.3103 mL	11.5513 mL	23.1027 mL
5 mM	0.4621 mL	2.3103 mL	4.6205 mL
10 mM	0.2310 mL	1.1551 mL	2.3103 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Plazinemdor is a N-methyl-D-aspartate(NMDA) receptor positive allosteric modulator. Plazinemdor can be used in the research of psychiatric, neurological, and neurodevelopmental disorders, as well as diseases of the nervous system^[1].

IC₅₀ & Target

NMDA Receptor

REFERENCES

[1]. Anderson, David R, et, al. Preparation of heteroaromatic NMDA receptor modulator and uses thereof.US20200039987A.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA