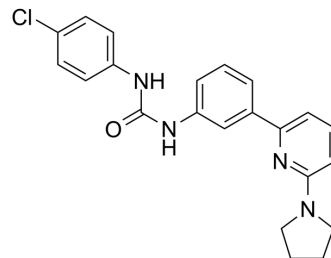


PSNCBAM-1

Cat. No.:	HY-110179
CAS No.:	877202-74-9
Molecular Formula:	C ₂₂ H ₂₁ ClN ₄ O
Molecular Weight:	392.88
Target:	Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (318.16 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.5453 mL	12.7265 mL	25.4531 mL	
5 mM	0.5091 mL	2.5453 mL	5.0906 mL	
10 mM	0.2545 mL	1.2727 mL	2.5453 mL	

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

BIOLOGICAL ACTIVITY

Description

PSNCBAM-1 is a selective CB1 receptor allosteric antagonist with an EC₅₀ of 0.1 μM. PSNCBAM-1 can be used in the researches of obesity^[1].

IC₅₀ & Target

hCB1-R
0.1 μM (EC50)

REFERENCES

[1]. Horswill JG, et al. PSNCBAM-1, a novel allosteric antagonist at cannabinoid CB1 receptors with hypophagic effects in rats. Br J Pharmacol. 2007 Nov;152(5):805-14.

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