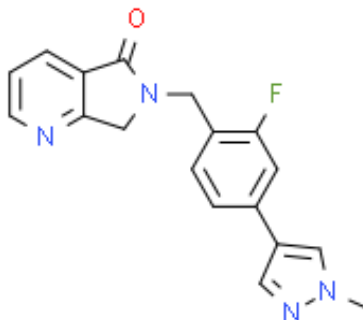


Product Data Sheet

Cas No.:	1432436-13-9	Cat. No:	PL06870
Product Name:	VU0453595		
Product synonym:	-		
Chemical name:	VU0453595		
MF:	C18H15FN4O	FW:	322.336306810379
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	FC1C=C(C2C=NN(C)C=2)C=CC=1CN1C(C2=CC=CN=C2C1)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

VU0453595 是一种高选择性、全身活性的 M₁ 正变构调节剂 (PAM, EC₅₀=2140 nM), 可用于精神分裂症的研究。

生物活性	VU0453595 is a highly selective, systemically active M 1 positive allosteric modulator (PAM, EC 50 =2140?nM) for the research of schizophrenia.
体外研究(In Vitro)	Application of M1 PAM VU0453595 (3 μM) induces a transient increase in excitability of medium spiny neurons (MSNs). has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	VU0453595 potentiates M 1 -mediated muscarinic long-term depression (mLTD). VU0453595 (1-10?mg/kg; i.p.) reverses behavioral deficits induced by repeated phencyclidine (PCP) administration. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model:
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (310.23 mM; Need ultrasonic)配制储备液