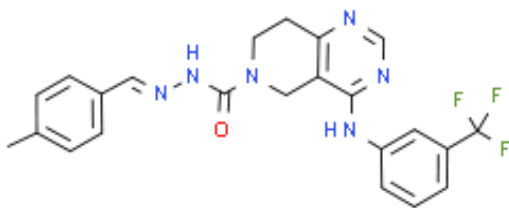


Product Data Sheet

Cas No.:	2402772-45-4	Cat. No:	PL09720
Product Name:	ATX inhibitor 5		
Product synonym:	-		
Chemical name:	ATX inhibitor 5		
MF:	C22H18CLF3N6O	FW:	474.8661
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	ClC1C([H])=C([H])C(=C([H])C=1[H])/C(/[H])=N/N([H])C(N1C([H])([H])C2C(=NC([H])=NC=2C([H])([H])C1([H])([H])N([H])C1=C([H])C([H])=C([H])C(C(F)(F)F)=C1[H])=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

ATX inhibitor 5 是有效的口服活性 autotaxin (ATX) 抑制剂, IC₅₀ 为 15.3 nM。AATX inhibitor 5 具有抗肝纤维化作用, 并显著降低 CCl₄ 诱导的肝纤维化水平。

生物活性	ATX inhibitor 5 is a potent and orally active autotaxin (ATX) inhibitor, with an IC ₅₀ of 15.3 nM. ATX inhibitor 5 shows anti-hepatofibrosis effects and reduces CCl ₄ -induced hepatic fibrosis level prominently.
IC ₅₀ & Target[1][2]	Autotaxin
体外研究(In Vitro)	ATX inhibitor 5 (compound 10g) (IC ₅₀ s=1.21 and 0.78 μM) displays activities against cardiac fibroblasts (CFs) and hepatic stellate cell (HSC). ATX inhibitor 5 at 10 μM successfully suppresses collagen content induced by TGF-β. has not independently confirmed the accuracy of these methods. They are for reference only. Cell Proliferation Assay
体内研究(In Vivo)	ATX inhibitor 5 (20-40 mg/kg; p.o.; once daily for two weeks) reduces CCl ₄ -induced hepatic fibrosis level prominently. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: Male Konmin mice

包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 250 mg/mL (526.46 mM; Need ultrasonic)配制储备液