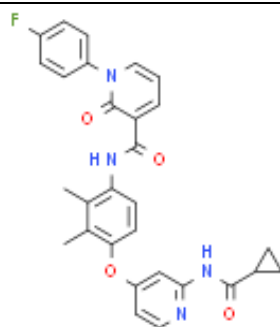


Product Data Sheet

Cas No.:	2361139-70-8	Cat. No:	PL11025
Product Name:	RIPK3-IN-1		
Product synonym:	-		
Chemical name:	RIPK3-IN-1		
MF:	C29H25FN4O4	FW:	512.531610250473
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	FC1C=CC(=CC=1)N1C=CC=C(C1=O)C(NC1C=CC(=C(C)C=1C)OC1C=CN=C(C=1)NC(C1CC1)=O)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

RIPK3-IN-1 是 II 型 RIPK3 DFG-out 位点抑制剂, IC₅₀ 为 9.1 nM。RIPK3-IN-1 抑制 RIPK1 和 RIPK2, IC₅₀ 为 5.5 和 >10 μM。RIPK3-IN-1 还是 c-Met 激酶抑制剂, IC₅₀ 为 1.1 μM。

生物活性	RIPK3-IN-1 is a RIPK3 type II DFG-out inhibitor with an IC ₅₀ of 9.1 nM. RIPK3-IN-1 inhibits RIPK1 and RIPK2 with IC ₅₀ s of 5.5 and >10 μM. RIPK3-IN-1 is also a c-Met kinase inhibitor with an IC ₅₀ of 1.1 μM.
IC50 & Target[1][2]	IC50: 9.1 nM (RIPK3), 5.5 μM (RIPK1), >10 μM (RIPK2)
体外研究(In Vitro)	<p>RIPK3-IN-1 (Compound 18) also inhibits ABL, BRAF/V599E, MAP4K3, and SRC with IC₅₀s of 0.37, 0.15, 0.012, and 0.075 μM, respectively.</p> <p>Necroptosis is a programmed form of cell death and has been associated with a variety of diseases, including ischemia reperfusion injury, neurodegenerative disorders, pancreatic cancer, and autoimmune diseases such as inflammatory bowel disease (IBD). Upon stimulation of death receptors (such as the family of TNF receptors), signaling can initiate a necroptotic cell death process. This involves formation of a necrosome, which includes receptor interacting protein kinases 1 and 3 (RIPK1, RIPK3) in a cytosolic complex. has not independently confirmed the accuracy of these methods. They are for reference only.</p>

包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 5 mg/mL (9.76 mM; ultrasonic and warming and heat to 80°C)配制储备液