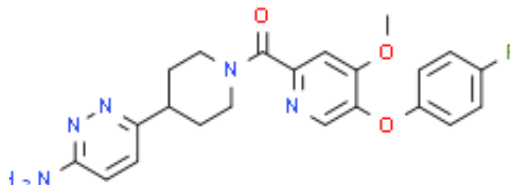


Product Data Sheet

Cas No.:	2311863-36-0	Cat. No:	PL12430
Product Name:	TRPC6-IN-3		
Product synonym:	化合物 TRPC6-IN-3		
Chemical name:	TRPC6-IN-3		
MF:	C22H22FN5O3	FW:	423.440187931061
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C(N1CCC(C2=NN=C(N)C=C2)CC1)(C1=NC=C(OC2=CC=C(F)C=C2)C(OC)=C1)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

TRPC6-IN-3 (compound 17) 是一种口服有效的瞬时受体电位 C6 离子通道 (TRPC6) 抑制剂。TRPC6-IN-3 不仅可以调节细胞内钙浓度，还可以通过调节包括钙离子和钠离子在内的阳离子通量来调节膜电位。TRPC6-IN-3 可用于呼吸系统的研究。

生物活性	TRPC6-IN-3 (compound 17) is a potent, orally active transient receptor potential C6 ion channel (TRPC6) inhibitor. TRPC6-IN-3 modulates not only intracellular calcium concentration, but also membrane potential by modulating the flux of cations including calcium and sodium ions. TRPC6-IN-3 can be used in research of respiratory system.
体内研究(In Vivo)	TRPC6-IN-3 (compound 17; 1-10 mg/kg; p.o.; orally 12 h and 2 h before LPS challenge; LPS-induced mice) inhibits LPS-induced vascular leakage and inhibits accumulation of Broncho-Alveolar-Lavage protein (BALF protein) in a mouse model. TRPC6-IN-3 (3 mg/kg; p.o.; daily, for 4 d; H1N1-induced mice) reduces H1N1-induced vascular leakage in a mouse model. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; In solvent -80°C 6 months
溶解度数据	In Vitro: DMSO : 125 mg/mL (295.20 mM; Need ultrasonic)配制储备液