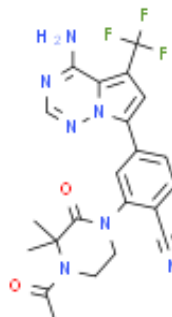


Product Data Sheet

Cas No.:	1911564-39-0	Cat. No:	PL09828
Product Name:	PI3Kδ-IN-1		
Product synonym:	-		
Chemical name:	PI3Kδ-IN-1		
MF:	C22H20F3N7O2	FW:	471.43511390686
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	FC(C1C=C(C2=CC=C(C#N)C(=C2)N2C(C(C)(C)N(C(C)=O)CC2)=O)N2C=1C(N)=NC=N2)(F)F		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

PI3Kδ-IN-1 是高效，选择性的 PI3Kδ 抑制剂，IC₅₀ 为 1.7 nM。

生物活性	PI3Kδ-IN-1 is a potent, selective, and efficacious PI3Kδ inhibitor with an IC ₅₀ of 1.7 nM.
IC ₅₀ & Target[1][2]	IC ₅₀ : 1.7 nM (PI3Kδ)
体外研究(In Vitro)	PI3Kδ-IN-1 (compound 52) shows >100-fold selectivity over the other PI3K isoforms. Kinome selectivity is also excellent with >660-fold selectivity over MNK1 and others in HTRF assays. Importantly, PI3Kδ-IN-1 has an improved human/rodent in vitro stability correlation and a good permeability profile. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	PI3Kδ-IN-1 (2, 5 mg/kg, orally b.i.d. for 42 days) shows greater than 50% suppression of paw swelling in mice. PI3Kδ-IN-1 has an EC ₅₀ of 10 nM at 24 h (ED ₅₀ of ~1.25 mg/kg) in mice. 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 : 62.5 mg/mL (132.57 mM; Need ultrasonic)配制储备液

