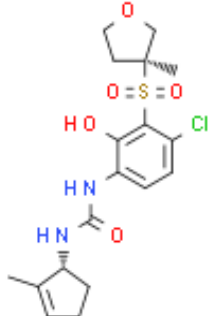


Product Data Sheet

Cas No.:	1838123-21-9	Cat. No:	PL02477
Product Name:	CXCR2-IN-2		
Product synonym:	-		
Chemical name:	CXCR2-IN-2		
MF:	C18H23CLN2O5S	FW:	414.903622865677
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	ClC1=CC=C(C(=C1S([C@]1(C)COCC1)(=O)=O)O)NC(N[C@H]1C(C)=CCC1)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

CXCR2-IN-2 是一种选择性的，可穿过血脑屏障的，具有口服生物利用的 CXCR2 拮抗剂 (在 β-arrestin 和 CXCR2 Tango 实验中，IC50 分别为 5.2nM/1nM)。CXCR2-IN-2 比 CXCR1 具有 ~730 倍的选择性，比所有其他趋化因子受体的选择性大于 1900 倍。CXCR2-IN-2 抑制人全血 Gro-α 诱导的 CD11b 表达，IC50 值为 0.04 μM。

生物活性	CXCR2-IN-2 is a selective, brain penetrant, and orally bioavailable CXCR2 antagonist (IC 50 =5.2 nM/1 nM in β-arrestin assay/CXCR2 Tango assay, respectively). CXCR2-IN-2 displays ~730-fold selectivity over CXCR1 and >1900-fold selectivity over all other chemokine receptors. CXCR2-IN-2 inhibits human whole blood Gro-α induced CD11b expression with an IC 50 of 0.04 μM.
IC50 & Target[1][2]	CXCR2 5.2 nM (IC50) CXCR1 3.8 μM (IC50)
体内研究(In Vivo)	CXCR2-IN-2 (compound 68) (1-10 mg/kg; p.o.; twice daily for 3 days) dose-dependently reduces neutrophil infiltration in vivo in rat and mouse air pouch models. 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 : 240 mg/mL (578.45 mM; Need ultrasonic)配制储备液