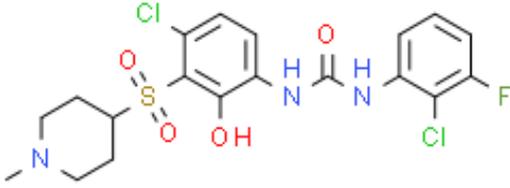


Product Data Sheet

Cas No.:	1873376-49-8	Cat. No.:	PL01157
Product Name:	CXCR2-IN-1		
Product synonym:	CXCR2-IN-1		
Chemical name:	CXCR2-IN-1		
MF:	C19H20Cl2FN3O4S	FW:	476.3492
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	<chem>ClC1C([H])=C([H])C(=C(C=1S(C1([H])C([H])([H])C([H])([H])N(C([H])([H])([H])C([H])([H])C1([H])([H])(=O)=O)O[H])N([H])C(N([H])C1C([H])=C([H])C([H])=C(C=1Cl)F)=O</chem>		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

CXCR2-IN-1是可渗透中枢神经系统的CXCR2拮抗剂，pIC₅₀值为9.3。

生物活性	CXCR2-IN-1 is a central nervous system penetrant CXCR2 antagonist with a pIC ₅₀ of 9.3.
IC50 & Target[1][2]	CXCR2 9.3 (pIC ₅₀)
体外研究(In Vitro)	CXCR2 plays an important role in the activation and recruitment of neutrophils to sites of inflammation. CXCR2-IN-1 (compound 22) shows favorable central nervous system penetration property (Br/Bi>0.45). has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	CXCR2-IN-1 shows efficacy in a cuprizone-induced demyelination model through oral administration, providing evidence to support CXCR2 to be a potential therapeutic target to treat demyelinating diseases such as multiple sclerosis. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 5.4 mg/mL (11.34 mM; Need ultrasonic and warming)配制储备液