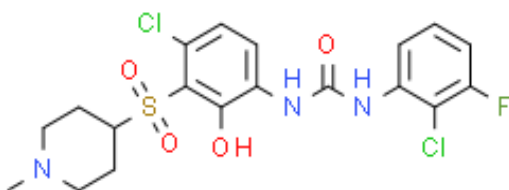


Product Data Sheet

| | | | |
|--|---|--------------|----------|
| 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 : | 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 | | |
| 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 (pIC50) |
| 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 |