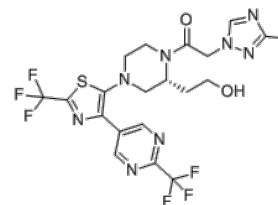


**Product Name** : ACT-777991  
**Cat. No.** : PC-20096  
**CAS No.** : 1967811-46-6  
**Molecular Formula** : C<sub>20</sub>H<sub>20</sub>F<sub>6</sub>N<sub>8</sub>O<sub>2</sub>S  
**Molecular Weight** : 550.48  
**Target** : Chemokine Receptor (CCR and CXCR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

ACT-777991 (ACT777991) is a highly potent and selective **CXCR3** antagonist with IC<sub>50</sub> of 33 nM. ACT-777991 showed dose-dependent efficacy and target engagement in a mouse model of acute lung inflammation.

## References

Meyer EA, et al. *J Med Chem.* 2023 Mar 8. doi: 10.1021/acs.jmedchem.3c00074.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com