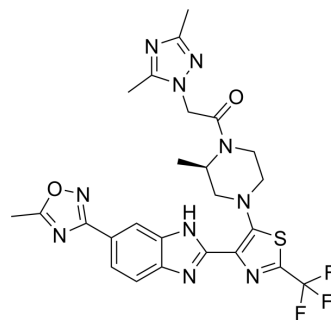


ACT-672125

Cat. No.:	HY-153240
CAS No.:	1449367-94-5
Molecular Formula:	C ₂₅ H ₂₅ F ₃ N ₁₀ O ₂ S
Molecular Weight:	586.59
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ACT-672125 is a potent CXCR3 antagonist with IC ₅₀ value of 239 nM in human blood. ACT-672125 has activity for hERG with IC ₅₀ value of 18μM. ACT-672125 can be used for the research of autoimmune diseases ^[1] .
IC ₅₀ & Target	IC50: 239 nM (CXCR3); 18 μM (hERG) ^[1] .

REFERENCES

[1]. Caroff E, et al. Design, Synthesis, and Pharmacological Evaluation of Benzimidazolo-thiazoles as Potent CXCR3 Antagonists with Therapeutic Potential in Autoimmune Diseases: Discovery of ACT-672125. J Med Chem. 2022 Sep 8;65(17):11533-11549.

Caution: Product has not been fully validated for medical applications. For research use only.

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