

Product Datasheet

ACT-672125

Catalog No. **BP-02240** · CAS **1449367-94-5** · Form **free base** · Physical state **other** · Color **White to off-white** · Version **1.0** · Revision **2026-09-03**

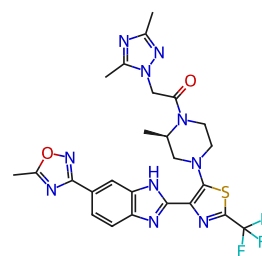
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Target CXCR	Research area Inflammation/Immunology
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Molecular formula **C₂₅H₂₅F₃N₁₀O₂S**

Molecular weight **586.5920**

STRUCTURE



DESCRIPTION

ACT-672125 is a potent CXCR3 antagonist with IC₅₀ value of 239 nM in human blood. ACT-672125 has activity for hERG with IC₅₀ value of 18μM. ACT-672125 can be used for the research of autoimmune diseases.

SOLUBILITY

Soluble in DMSO

In vitro 250 mg/mL

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.

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