

Product Datasheet

AZD-5069

Catalog No. **BP-02095** · CAS **878385-84-3** · Form **free base** · Physical state **other** · Version **1.0** · Revision **2026-09-14**

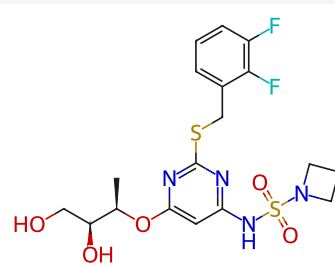
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Target CXCR	Research area Endocrinology; Cancer
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Molecular formula **C₁₈H₂₂F₂N₄O₅S₂**

Molecular weight **476.5180**

STRUCTURE



DESCRIPTION

AZD-5069 is a potent CXCR2 chemokine receptor antagonist, used for cancer treatment.

BIOLOGICAL ACTIVITY

In Vitro

AZD-5069 (Compound 2) acts as CXCR2 antagonist by inhibition of [¹²⁵I]-IL-8 binding to human CXCR2 receptors and as inhibitor of GROα-induced Ca²⁺ flux in human neutrophils loaded with fluo-3 dye.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Norman P, et al. Evidence on the identity of the CXCR2 antagonist AZD-5069. Expert Opin Ther Pat. 2013 Jan;23(1):113-7.

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