Product Datasheet

CEP-37440

Catalog No. **BP-02495** · CAS **1391712-60-9** · Form **free base** · Physical state **other** · Color **White to yellow** · Version **1.0** · Revision **2026-09-10**

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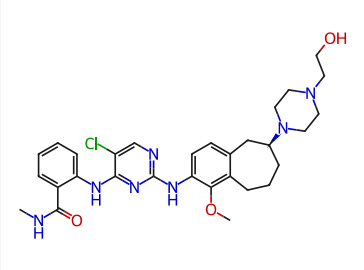
Target	Research area
Anaplastic lymphoma kinase (ALK); FAK	**Cancer**

Molecular formula	$C_{30}H_{38}ClN_7O_3$
Molecular weight	**580.1210**

STRUCTURE



DESCRIPTION

CEP-37440 is a potent, orally active dual FAK/ALK inhibitor with IC50 values of 2.3 nM and 3.5 nM for FAK and ALK, respectively. CEP-37440 decreases the cell proliferation by blocking the autophosphorylation kinase activity of FAK1 (Tyr 397) .

BIOLOGICAL ACTIVITY

Preparation of fused bicyclic 2,4-diaminopyrimidine derivatives as a dual ALK and FAK inhibitor.

SOLUBILITY

Soluble in DMSO

In vitro	DMSO : 100 mg/mL

REFERENCES

[1].Salem I, et, al. The effects of CEP-37440, an inhibitor of focal adhesion kinase, in vitro and in vivo on inflammatory breast cancer cells. Breast Cancer Res. 2016 Mar 24;18(1):37.

[2].Ott GR, et, al. Discovery of Clinical Candidate CEP-37440, a Selective Inhibitor of Focal Adhesion Kinase (FAK) and Anaplastic Lymphoma Kinase (ALK). J Med Chem. 2016 Aug 25;59(16):7478-96.