

Product Datasheet

ALK/BH5-IN-3

Catalog No. **BP-02399** · CAS **1505579-77-0** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-10**

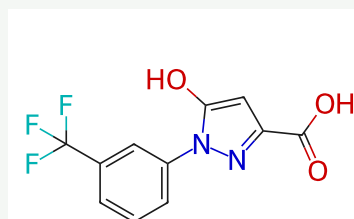
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Target Anaplastic lymphoma kinase (ALK)	Research area Cancer
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Molecular formula **C₁₁H₇F₃N₂O₃**

Molecular weight **272.1801**

STRUCTURE



DESCRIPTION

ALKBH5-IN-3 is a selective, cell active ALKBH5 inhibitor with an IC₅₀ of 0.021 μM. ALKBH5-IN-3 stabilizes ALKBH5 in HepG2 cells, and increases m⁶A level in intact cells. ALKBH5-IN-3 can be used as a versatile chemical probe to explore the biological function of ALKBH5. ALKBH5-IN-3 can be used for the research of Cancer .

BIOLOGICAL ACTIVITY

In Vitro

ALKBH5-IN-3 (Compound 20m) (0.3-10 μM; 72 h) increases m⁶A levels in HepG2 cells.

ALKBH5-IN-3 (100 μM; 3 h) stabilizes ALKBH5 in HepG2 cells.

SOLUBILITY

Soluble in DMSO : 31.25 mg/mL

REFERENCES

[1].Fang Z, et al. Discovery of a potent, selective and cell active inhibitor of m⁶A demethylase ALKBH5. Eur J Med Chem. 2022 Aug 5;238:114446.

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