

Product Datasheet

IHMT-PI3Kδ-372

Catalog No. **BP-02016** · CAS **2429889-62-1** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-11**

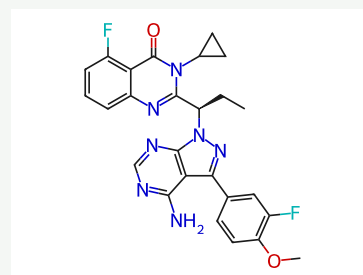
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Target PI3K	Research area Inflammation/Immunology
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Molecular formula **C₂₆H₂₃F₂N₇O₂**

Molecular weight **503.5033**

STRUCTURE



DESCRIPTION

IHMT-PI3Kδ-372 is a potent and selective PI3Kδ inhibitor with an IC₅₀ of 14 nM. IHMT-PI3Kδ-372 shows high selectivity over other class I PI3Ks (56~83 fold) and other protein kinases. IHMT-PI3Kδ-372 can be used for chronic obstructive pulmonary disease (COPD) research.

SOLUBILITY

Soluble in DMSO 12.5 mg/mL

REFERENCES

[1]. Feng Li, et al. Discovery of (S)-2-(1-(4-Amino-3-(3-fluoro-4-methoxyphenyl)-1 H-pyrazolo[3,4- d]pyrimidin-1-yl)propyl)-3-cyclopropyl-5-fluoroquinazolin-4(3 H)-one (IHMT-PI3Kδ-372) as a Potent and Selective PI3Kδ Inhibitor for the Treatment of Chronic Obstructive Pulmonary Disease. J Med Chem. 2020 Nov 25;63(22):13973-13993.

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