

Product Datasheet

BLU-0588

Catalog No. **BP-02057** · CAS **2810747-78-3** · Form **free base** · Physical state **solid** · Color **White to yellow** · Version **1.0** ·
Revision **2026-09-14**

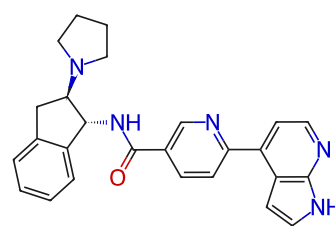
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Target PKA	Research area Cancer
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Molecular formula **C₂₆H₂₅N₅O**

Molecular weight **423.5096**

STRUCTURE



DESCRIPTION

BLU0588 is an orally active, potent and selective PRKACA (protein kinase cAMP-activated catalytic subunit alpha) kinase inhibitor, with an IC₅₀ of 1 nM and dissociation constant (K_d) of 4 nM. BLU0588 can be used for fibrolamellar carcinoma (FLC) research.

BIOLOGICAL ACTIVITY

BLU0588 is an orally active, potent and selective PRKACA (protein kinase cAMP-activated catalytic subunit alpha) kinase inhibitor, with an IC₅₀ of 1 nM and dissociation constant (K_d) of 4 nM. BLU0588 can be used for fibrolamellar carcinoma (FLC) research.

SOLUBILITY

Soluble in DMSO : 83.33 mg/mL

REFERENCES

[1]. Stefanie S. Schalm, et al. Evaluation of Protein Kinase cAMP-Activated Catalytic Subunit Alpha as a Therapeutic Target for Fibrolamellar Carcinoma. Gastro Hep Advances. Volume 2, Issue 3, 2023, Pages 307-321.

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