

Product Datasheet

GSK-F1

Catalog No. **BP-02190** · CAS **1402345-92-9** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-07**

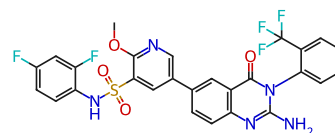
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Target PI4K; PI3K	Research area Infection
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Molecular formula **C₂₇H₁₈F₅N₅O₄S**

Molecular weight **603.5200**

STRUCTURE



DESCRIPTION

GSK-F1 (Compound F1) is an orally active PI4KA inhibitor with pIC₅₀ values of 8.0, 5.9, 5.8, 5.9, 5.9 and 6.4 against PI4KA, PI4KB, PI3KA, PI3KB, PI3KG and PI3KD, respectively. GSK-F1 can be used for HCV infection research .

BIOLOGICAL ACTIVITY

In Vivo

GSK-F1 (3-40 mg/kg/day; p.o.; twice daily; up to 14 days) causes death in some mice and adverse reactions such as gastrointestinal abnormalities in surviving mice.

SOLUBILITY

soluble in DMSO

REFERENCES

[1]. Bojjireddy N, et al. Pharmacological and genetic targeting of the PI4KA enzyme reveals its important role in maintaining plasma membrane phosphatidylinositol 4-phosphate and phosphatidylinositol 4,5-bisphosphate levels. J Biol Chem. 2014 Feb 28;289(9):6120-32.

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Lot CoA and SDS are separate documents.