

Product Datasheet

Atebimetinib

Catalog No. **BP-02277** · CAS **2669009-92-9** · Form **free base** · Physical state **solid** · Color **Off-white to yellow** · Version **1.0** · Revision **2026-09-04**

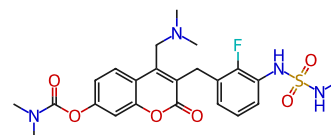
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Target MEK	Research area Cancer
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Molecular formula **C₂₃H₂₇FN₄O₆S**

Molecular weight **506.5470**

STRUCTURE



DESCRIPTION

Atebimetinib (IMM-1-104) is a novel orally dual-MEK inhibitor with anti-pancreatic cancer activity.

BIOLOGICAL ACTIVITY

In Vivo

Atebimetinib (IMM-1-104) and sotorasib were well-tolerated as single agents and in combination with each other across all dose levels tested. Both drugs demonstrated dose-dependent antitumor activity with tumor regressions noted at higher dose levels. Atebimetinib in combination with sotorasib produced deep regressions that were sustained longer than either drug alone.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. Peter J. King, et al. Benchmarking the novel dual-MEK inhibitor, IMM-1-104, head-to-head and in combination with sotorasib (AMG-510) in the MIA PaCa-2 (KRAS-G12C) pancreatic cancer xenograft model. Mol Cancer Ther (2021) 20 (12_Supplement): P240.

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