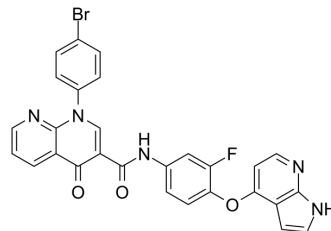


Antitumor agent-45

Cat. No.:	HY-144394
CAS No.:	2581082-74-6
Molecular Formula:	C ₂₈ H ₁₇ BrFN ₅ O ₃
Molecular Weight:	570.37
Target:	Apoptosis; c-Met/HGFR
Pathway:	Apoptosis; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitumor agent-45 (Compound 21) could induce and stimulate A549 cells apoptosis in G0/G1 and G2/M phase. Antitumor agent-45 (Compound 21) inhibits c-Met expression to regulate the growth of tumor cells ^[1] .
In Vitro	Antitumor agent-45 (Compound 21) exhibits IC ₅₀ values of 1.06, 10.87 and 0.11 μM in A549, HeLa and MCF-7 cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jianqing Zhang, et al. Synthesis, bioevaluation and molecular dynamics of pyrrolo-pyridine benzamide derivatives as potential antitumor agents in vitro and in vivo. *Eur J Med Chem.* 2022 Apr 5;233:114215.

Caution: Product has not been fully validated for medical applications. For research use only.

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