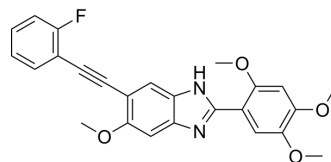


PI3K-IN-48

Cat. No.:	HY-156080
Molecular Formula:	C ₂₅ H ₂₁ FN ₂ O ₄
Molecular Weight:	432.44
Target:	PI3K; Akt
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PI3K-IN-48 is a PI3K inhibitor with IC₅₀ value of 1.55 ± 0.18 μM for A549 cells. PI3K-IN-48 can induce G0/G1 phase arrest, cell apoptosis, and down-regulate expression of p-PI3K and p-Akt. PI3K-IN-48 can be used for human lung cancers diseases research^[1].

REFERENCES

[1]. Wu W, et al. Design, synthesis and antitumor effects of novel benzimidazole derivatives as PI3K inhibitors. *Bioorg Med Chem Lett.* 2023 Sep 7;95:129469.

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

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