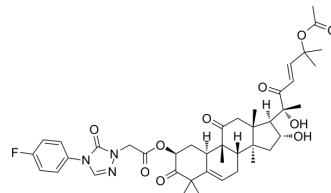


IGF2BP1-IN-1

Cat. No.:	HY-156110
CAS No.:	3029447-08-0
Molecular Formula:	C ₄₂ H ₅₂ FN ₃ O ₁₀
Molecular Weight:	777.87
Target:	Insulin Receptor
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	IGF2BP1-IN-1 (Compound A11) is a IGF2BP1 inhibitor and inhibits downstream signaling. IGF2BP1-IN-1 binds to IGF2BP1 protein with a K_D value of 2.88 nM. IGF2BP1-IN-1 inhibits cancer cells proliferation (IC ₅₀ : 9 nM for A549 cell, 34 nM for HCT116). IGF2BP1-IN-1 induces cancer cell apoptosis. IGF2BP1-IN-1 inhibits tumor growth in A549 xenograft mouse model ^[1] .
IC ₅₀ & Target	KD: 2.88 nM (IGF2BP1) ^[1]

REFERENCES

[1]. Shang FF, et al. Discovery of Triazolyl Derivatives of Cucurbitacin B Targeting IGF2BP1 against Non-Small Cell Lung Cancer. J Med Chem. 2023 Sep 8.

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

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