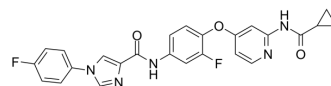


c-Met-IN-9

Cat. No.:	HY-115937
CAS No.:	2760326-29-0
Molecular Formula:	C ₂₅ H ₁₉ F ₂ N ₅ O ₃
Molecular Weight:	475.45
Target:	c-Met/HGFR; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	c-Met-IN-9, a 4-phenoxy pyridine derivative, is a c-Met kinase inhibitor with an IC ₅₀ of 12 nM. c-Met-IN-9 induces cell apoptosis, and has antitumor activities ^[1] .
IC₅₀ & Target	c-Met 12 nM (IC ₅₀)
In Vitro	c-Met-IN-9 (Compound T14) shows remarkable antiproliferative activities against MKN-45, A549 and H460 cell lines with IC ₅₀ values of 0.64 μM, 1.92 μM and 2.68 μM, respectively ^[1] . c-Met-IN-9 could inhibit cell colony formation, induce cell apoptosis, and inhibit cell motility ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ju Liu, et al. Novel 4-phenoxy pyridine derivatives bearing imidazole-4-carboxamide and 1,2,4-triazole-3-carboxamide moieties: Design, synthesis and biological evaluation as potent antitumor agents. *Bioorg Chem.* 2022 Jan 19;120:105629.

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

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