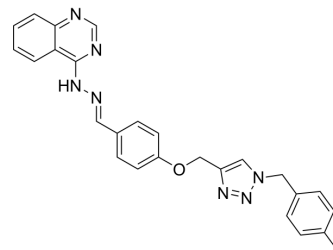


MET/PDGFR-IN-1

Cat. No.:	HY-149510
Molecular Formula:	C ₂₆ H ₂₃ N ₇ O
Molecular Weight:	449.51
Target:	c-Met/HGFR; Apoptosis; PDGFR
Pathway:	Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MET/PDGFR-IN-1 (compound 8c) is a MET and PDGFR protein inhibitor (IC ₅₀ : 36 μM for MET). MET/PDGFR-IN-1 inhibits MET phosphorylation and induces cell apoptosis. MET/PDGFR-IN-1 inhibits proliferation of MET-positive cells (IC ₅₀ s: 15.3, 19.0, 22.0, 25.6, 21.0, 31.5 μM for AsPc-1, EBC-1, MKN-45, Mia-Paca-2, HT-29, K562 cells respectively) ^[1] .
IC₅₀ & Target	36 μM (MET) ^[1]

REFERENCES

[1]. Mortazavi M, et al. Novel quinazoline-1,2,3-triazole hybrids with anticancer and MET kinase targeting properties. Sci Rep. 2023 Sep 6;13(1):14685.

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

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