

MET/PDGFR-IN-1

Chemical Properties

CAS No. :

Formula: C₂₆H₂₃N₇O

Molecular Weight: 449.51

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	MET/PDGFR-IN-1 (compound 8c) is an inhibitor of MET and PDGFR proteins, with an IC ₅₀ of 36 µM against MET. It inhibits MET phosphorylation, induces apoptosis, and reduces proliferation in various MET-positive cell lines, showing IC ₅₀ values of 15.3 µM for AsPc-1, 19.0 µM for EBC-1, 22.0 µM for MKN-45, 25.6 µM for Mia-Paca-2, 21.0 µM for HT-29, and 31.5 µM for K562 [1].
Targets(IC ₅₀)	Apoptosis,c-Met/HGFR,PDGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2246 mL	11.1232 mL	22.2464 mL
5 mM	0.4449 mL	2.2246 mL	4.4493 mL
10 mM	0.2225 mL	1.1123 mL	2.2246 mL
50 mM	0.0445 mL	0.2225 mL	0.4449 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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