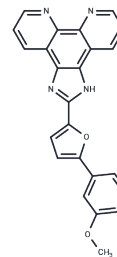


MET Transcription-IN-1

Chemical Properties

CAS No. :	3082125-66-1
Formula:	C ₂₄ H ₁₆ N ₄ O ₂
Molecular Weight:	392.41
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 Transcription-IN-1 (Compound C3) is an orally active inhibitor of MET transcription that efficiently binds to and stabilizes the G-quadruplex in the MET promoter region, thereby inhibiting c-Met expression. It can overcome resistance caused by specific c-Met mutations and effectively inhibits tumor cell proliferation, migration, and invasion, inducing cell cycle arrest and apoptosis. This compound exhibits antitumor activity and is applicable in the study of tumors such as non-small cell lung cancer.
Targets(IC50)	Apoptosis,c-Met/HGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5484 mL	12.7418 mL	25.4836 mL
5 mM	0.5097 mL	2.5484 mL	5.0967 mL
10 mM	0.2548 mL	1.2742 mL	2.5484 mL
50 mM	0.051 mL	0.2548 mL	0.5097 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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