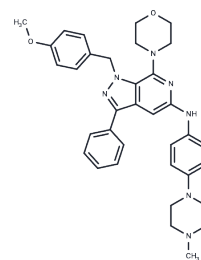


ATP Synthesis-IN-3

Chemical Properties

CAS No. :	3032416-36-4
Formula:	C35H39N7O2
Molecular Weight:	589.73
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	ATP Synthesis-IN-3 (compound 31) is an inhibitor of ATP hydrolysis that provides a protective effect during myocardial ischemia. It increases ATP levels in ischemic myocardial cells, enhances the phosphorylation of PKA and substrate proteins, and inhibits ischemia-induced apoptosis (cell apoptosis).
Targets(IC50)	ATPase,PKA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6957 mL	8.4785 mL	16.9569 mL
5 mM	0.3391 mL	1.6957 mL	3.3914 mL
10 mM	0.1696 mL	0.8478 mL	1.6957 mL
50 mM	0.0339 mL	0.1696 mL	0.3391 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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