

HSP90-IN-23

Chemical Properties

CAS No. :

Formula: C₂₂H₂₄N₂O₆S

Molecular Weight: 444.5

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	HSP90-IN-23 (Comp 12-1), a heat shock protein 90 (HSP90) inhibitor, exhibits potent activity with an IC ₅₀ of 9 nM, promotes apoptosis in tumor cells, and arrests their cell cycle at the G ₀ /G ₁ phase, making it applicable for cancer research [1].
Targets(IC ₅₀)	HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2497 mL	11.2486 mL	22.4972 mL
5 mM	0.4499 mL	2.2497 mL	4.4994 mL
10 mM	0.225 mL	1.1249 mL	2.2497 mL
50 mM	0.045 mL	0.225 mL	0.4499 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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