

HSP70-IN-3

## Chemical Properties

CAS No. :

Formula: C48H78N6O7S

Molecular Weight: 883.23

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	HSP70-IN-3, a potent inhibitor of HSP70 with IC50 values of 1.1 $\mu$ M in ASZ001 cells and 1.9 $\mu$ M in C3H10T1/2 cells, exhibits anti-Hedgehog (Hh) signaling and anti-proliferative activities. Furthermore, it reduces the expression of the oncogenic transcription factor GLI1 [1].
Targets(IC50)	Others,Hedgehog/Smoothened,HSP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1322 mL	5.661 mL	11.3221 mL
5 mM	0.2264 mL	1.1322 mL	2.2644 mL
10 mM	0.1132 mL	0.5661 mL	1.1322 mL
50 mM	0.0226 mL	0.1132 mL	0.2264 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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