

GHN105

Chemical Properties

CAS No. :

Formula: C41H56N2O14

Molecular Weight: 800.89

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	GHN105 is an orally active STING inhibitor that suppresses STING-dependent IFN- β secretion in THP-1 human monocytes with an IC50 of 4.4 μ M. In mice, GHN105 reduces serum levels of IFN- β , IL-6, and CXCL10, and alleviates colitis in a DSS-induced acute colitis mouse model. Additionally, GHN105 demonstrates favorable pharmacokinetic properties in mice, with an oral bioavailability of 43% and a half-life of 1.1 hours.
Targets(IC50)	IFNAR,Interleukin,STING

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2486 mL	6.2431 mL	12.4861 mL
5 mM	0.2497 mL	1.2486 mL	2.4972 mL
10 mM	0.1249 mL	0.6243 mL	1.2486 mL
50 mM	0.025 mL	0.1249 mL	0.2497 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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