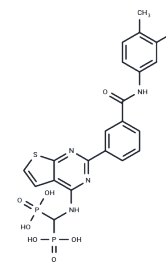


## hGGPPS-IN-3

## Chemical Properties

CAS No. :	2763223-96-5
Formula:	C <sub>21</sub> H <sub>19</sub> BrN <sub>4</sub> O <sub>7</sub> P <sub>2</sub> S
Molecular Weight:	613.31
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	Compound 13h (hGGPPS-IN-3) is a potent inhibitor of human geranylgeranyl pyrophosphate synthase (hGGPPS), characterized as a C-2-substituted thienopyrimidine-based bisphosphonate analogue (C2-ThP-BPs). It selectively induces apoptosis in multiple myeloma (MM) cells and demonstrates antimyeloma activity in vivo [1].
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6305 mL	8.1525 mL	16.305 mL
5 mM	0.3261 mL	1.6305 mL	3.261 mL
10 mM	0.163 mL	0.8152 mL	1.6305 mL
50 mM	0.0326 mL	0.163 mL	0.3261 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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