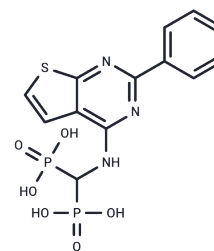


hGGPPS-IN-1

Chemical Properties

CAS No. :	1429012-38-3
Formula:	C ₁₃ H ₁₃ N ₃ O ₆ P ₂ S
Molecular Weight:	401.27
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	HGGPPS-IN-1 is an analogue of C-2-substituted thienopyrimidine-based bisphosphonates (C2-ThP-BPs). HGGPPS-IN-1 has an effective inhibitory effect on human geranyl geranyl pyrophosphate synthase (hGGPPS). HGGPPS-IN-1 can selectively induce apoptosis of multiple myeloma (MM) cells. HGGPPS-IN-1 showed anti-myeloma activity in vivo.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4921 mL	12.4604 mL	24.9209 mL
5 mM	0.4984 mL	2.4921 mL	4.9842 mL
10 mM	0.2492 mL	1.246 mL	2.4921 mL
50 mM	0.0498 mL	0.2492 mL	0.4984 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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