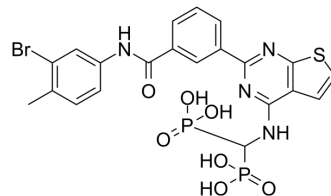


## hGGPPS-IN-3

Cat. No.:	HY-144130
CAS No.:	2763223-96-5
Molecular 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
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

hGGPPS-IN-3 (Compound 13h) is a potent inhibitor of the human geranylgeranyl pyrophosphate synthase (hGGPPS). hGGPPS-IN-3 is an analogue of C-2-substituted thienopyrimidine-based bisphosphonates (C2-ThP-BPs). hGGPPS-IN-3 induces target-selective apoptosis of multiple myeloma (MM) cells and exhibits antimyeloma activity in vivo<sup>[1]</sup>.

### REFERENCES

[1]. Lee HF, et al. Synthesis and Evaluation of Structurally Diverse C-2-Substituted Thienopyrimidine-Based Inhibitors of the Human Geranylgeranyl Pyrophosphate Synthase. *J Med Chem.* 2022;65(3):2471-2496.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA