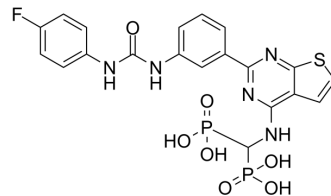


## hGGPPS-IN-2

Cat. No.:	HY-144129
CAS No.:	2241547-82-8
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> FN <sub>5</sub> O <sub>7</sub> P <sub>2</sub> S
Molecular Weight:	553.4
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

hGGPPS-IN-2 (Compound 16g) is a potent inhibitor of the human geranylgeranyl pyrophosphate synthase (hGGPPS). hGGPPS-IN-2 is an analogue of C-2-substituted thienopyrimidine-based bisphosphonates (C2-ThP-BPs). hGGPPS-IN-2 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.**

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