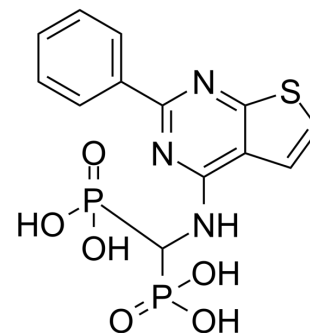


hGGPPS-IN-1

| | |
|--------------------|---|
| Cat. No.: | HY-144128 |
| CAS No.: | 1429012-38-3 |
| Molecular Formula: | C ₁₃ H ₁₃ N ₃ O ₆ P ₂ S |
| Molecular Weight: | 401.27 |
| Target: | Apoptosis |
| Pathway: | Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

hGGPPS-IN-1 (Compound 18b) is a potent inhibitor of the human geranylgeranyl pyrophosphate synthase (hGGPPS). hGGPPS-IN-1 is an analogue of C-2-substituted thienopyrimidine-based bisphosphonates (C2-ThP-BPs). hGGPPS-IN-1 induces target-selective apoptosis of multiple myeloma (MM) cells and exhibits antimyeloma activity in vivo^[1].

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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