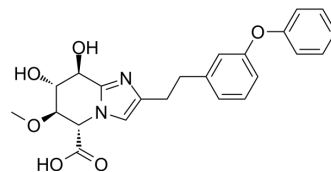


HPSE1-IN-2

| | |
|--------------------|---|
| Cat. No.: | HY-155411 |
| CAS No.: | 2876926-27-9 |
| Molecular Formula: | C ₂₃ H ₂₄ N ₂ O ₆ |
| Molecular Weight: | 424.45 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | HPSE1-IN-2 (compound 2) is a Heparanase-1 (HPSE1) inhibitor that also inhibits exo-β-d-glucuronidase (GUSβ) and glucocerebrosidase (GBA) activity ^[1] . |
| IC ₅₀ & Target | Heparanase-1 (HPSE1), exo-β-d-glucuronidase (GUSβ) and glucocerebrosidase (GBA) ^[1] |

REFERENCES

[1]. Imai Y et al. Discovery of a novel tetrahydroimidazo [1, 2-a] pyridine-5-carboxylic acid derivative as a potent and selective heparanase-1 inhibitor utilizing an improved synthetic approach[J]. Bioorganic & Medicinal Chemistry Letters, 2023: 129543.

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

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