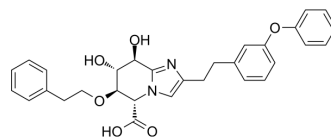


## HPSE1-IN-1

Cat. No.:	HY-155410
CAS No.:	2876926-29-1
Molecular Formula:	C <sub>30</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	514.57
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-1 (compound 16) is a selective inhibitor of Heparanase-1 (HPSE1) with moderate inhibitory activity against exo-β-d-glucuronidase (GUSβ) and glucocerebrosidase (GBA) <sup>[1]</sup> .
IC <sub>50</sub> & Target	Heparanase-1 (HPSE1), exo-β-d-glucuronidase (GUSβ) and glucocerebrosidase (GBA) <sup>[1]</sup>

## 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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