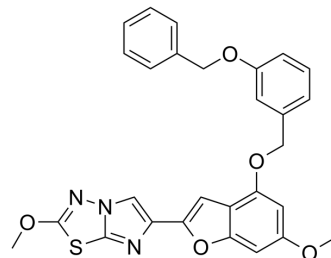


UDM-001651

Cat. No.:	HY-128345
CAS No.:	1477497-01-0
Molecular Formula:	C ₂₈ H ₂₃ N ₃ O ₅ S
Molecular Weight:	513.56
Target:	Protease-Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	UDM-001651 is a potent, selective, and orally bioavailable protease-activated receptor 4 (PAR4) antagonist (IC ₅₀ =4 nM; K _d =1.4 nM). UDM-001651 shows antiplatelet potency (IC ₅₀ =25 nM) in a γ -thrombin-induced platelet-rich plasma aggregation assay (γ -Thr PRP) ^[1] .
IC₅₀ & Target	IC ₅₀ : 4 nM (PAR4) ^[1] K _d : 1.4 nM (PAR4) ^[1]

REFERENCES

[1]. Miller MM, et al. Discovery of Potent Protease-Activated Receptor 4 Antagonists with in vivo Antithrombotic Efficacy. J Med Chem. 2019 Jun 27.

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

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