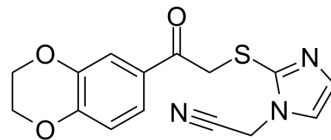


Cathepsin X-IN-1

Cat. No.:	HY-146985
CAS No.:	2418577-51-0
Molecular Formula:	C ₁₅ H ₁₃ N ₃ O ₃ S
Molecular Weight:	315.35
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cathepsin X-IN-1 (compound 25) is a potent Cathepsin X inhibitor with an IC ₅₀ of 7.13 μM. Cathepsin X-IN-1 decreases PC-3 cell migration with low cytotoxicity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 7.13 μM (Cathepsin X) ^[1]

REFERENCES

[1]. Fonović UP, et al. Structure-activity relationships of triazole-benzodioxine inhibitors of cathepsin X. Eur J Med Chem. 2020 May 1;193:112218.

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

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