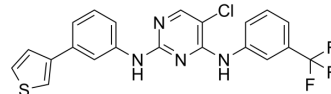


Cathepsin C-IN-4

Cat. No.:	HY-146581
CAS No.:	2825567-86-8
Molecular Formula:	C ₂₁ H ₁₄ ClF ₃ N ₄ S
Molecular Weight:	446.88
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cathepsin C-IN-4 (compound SF27) is a potent Cathepsin C (Cat C) inhibitor, with an IC ₅₀ of 65.6 nM. Cathepsin C-IN-4 also inhibits THP-1 and U937 cell, with IC ₅₀ values of 203.4 and 177.6 nM, respectively ^[1] .
IC ₅₀ & Target	Cathepsin C

REFERENCES

[1]. Chen X, et al. Non-peptidyl non-covalent cathepsin C inhibitor bearing a unique thiophene-substituted pyridine: Design, structure-activity relationship and anti-inflammatory activity in vivo. *Eur J Med Chem.* 2022 Jun 5;236:114368.

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

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