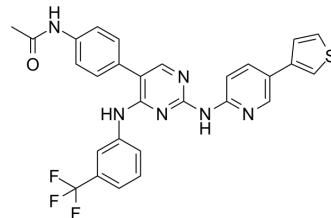


## Cathepsin C-IN-3

Cat. No.:	HY-146580
CAS No.:	2825567-71-1
Molecular Formula:	C <sub>28</sub> H <sub>21</sub> F <sub>3</sub> N <sub>6</sub> OS
Molecular Weight:	546.57
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-3 (compound SF11) is a potent Cathepsin C (Cat C) inhibitor, with an IC <sub>50</sub> of 61.79 nM. Cathepsin C-IN-3 also inhibits THP-1 and U937 cell, with IC <sub>50</sub> values of 101.5 and 86.5 nM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & 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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