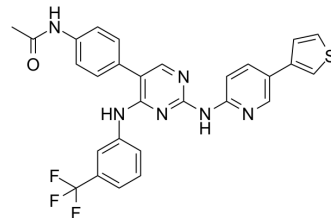


Cathepsin C-IN-3

| | |
|--------------------|---|
| Cat. No.: | HY-146580 |
| Molecular Formula: | C ₂₈ H ₂₁ F ₃ N ₆ 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 ₅₀ of 61.79 nM. Cathepsin C-IN-3 also inhibits THP-1 and U937 cell, with IC ₅₀ values of 101.5 and 86.5 nM, respectively ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 61.8 ± 1.3 nM (Cathepsin C) ^[1] |

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA