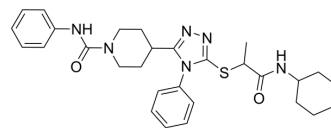


15-LOX-IN-1

Cat. No.:	HY-161315
Molecular Formula:	C ₂₉ H ₃₆ N ₆ O ₂ S
Molecular Weight:	532.7
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	15-LOX-IN-1 (Compound 7c) is a 15-LOX inhibitor with a IC ₅₀ value of 1.92 μM. 15-LOX-IN-1 has anti-inflammatory activity ^[1] .
IC ₅₀ & Target	15-LOX 1.92 μM (IC ₅₀)

REFERENCES

[1]. Nawaz Z, et al. Molecular hybrids of substituted phenylcarbamoylpiperidine and 1,2,4-triazole methylacetamide as potent 15-LOX inhibitors: Design, synthesis, DFT calculations and molecular docking studies. *Bioorg Chem.* 2024 Feb;143:106984.

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

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