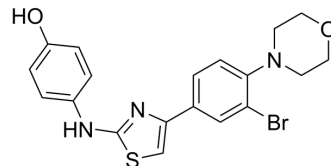


5-LOX-IN-5

Cat. No.:	HY-149476
Molecular Formula:	C ₁₉ H ₁₈ BrN ₃ O ₂ S
Molecular Weight:	432.33
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-LOX-IN-5 (Compound 29) is a 5-LOX inhibitor (IC ₅₀ : 56 nM). 5-LOX-IN-5 can be used for research of neurodegenerative diseases ^[1] .
IC ₅₀ & Target	56 nM (5-LOX) ^[1]

REFERENCES

[1]. Marković A, et al. Thiazole derivatives as dual inhibitors of deoxyribonuclease I and 5-lipoxygenase: A promising scaffold for the development of neuroprotective drugs. Chem Biol Interact. 2023 Aug 25;381:110542.

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

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