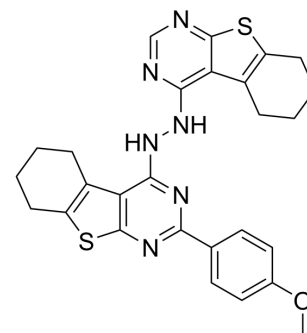


COX-2/15-LOX-IN-2

Cat. No.:	HY-155159
Molecular Formula:	C ₂₇ H ₂₆ N ₆ OS ₂
Molecular Weight:	514.66
Target:	COX; Lipoxygenase
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

COX-2/15-LOX-IN-2 is a potent dual COX-2 and 15-LOX inhibitor with IC₅₀ values of 0.065 μ M and 1.86 μ M, respectively. COX-2/15-LOX-IN-2 has potent antioxidant activity^[1].

REFERENCES

[1]. Sara Elsayed, et al. Magic shotgun approach to anti-inflammatory pharmacotherapy: Synthesis of novel thienopyrimidine monomers/heterodimer as dual COX-2 and 15-LOX inhibitors endowed with potent antioxidant activity. *Eur J Med Chem.* 2023 Nov 15;260:115724.

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

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