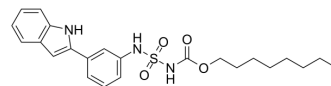


ALOX15-IN-2

Cat. No.:	HY-143791
Molecular Formula:	C ₂₃ H ₂₉ N ₃ O ₄ S
Molecular Weight:	443.56
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ALOX15-IN-2 (compound 8a) is a potent inhibitor of the linoleate oxygenase activity of rabbit and human ALOX15 with IC₅₀s of 1.55 and 2.79 μM for ALOX15 orthologs linoleic acid (LA) and arachidonic acid (AA), respectively^[1].

REFERENCES

[1]. Golovanov A, et al. N-Substituted 5-(1H-Indol-2-yl)-2-methoxyanilines Are Allosteric Inhibitors of the Linoleate Oxygenase Activity of Selected Mammalian ALOX15 Orthologs: Mechanism of Action. *J Med Chem.* 2022;65(3):1979-1995.

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

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