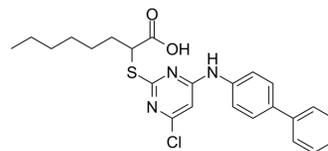


HZ52

Cat. No.:	HY-112553
CAS No.:	1077626-51-7
Molecular Formula:	C ₂₄ H ₂₆ ClN ₃ O ₂ S
Molecular Weight:	456
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HZ52 is a potent, reversible 5-lipoxygenase inhibitor, blocking leukotriene synthesis with an IC₅₀ of 0.7 μM in intact human polymorphonuclear leukocytes^[1].

REFERENCES

[1]. Greiner C, et al. 2-(4-(Biphenyl-4-ylamino)-6-chloropyrimidin-2-ylthio)octanoic acid (HZ52)--a novel type of 5-lipoxygenase inhibitor with favourable molecular pharmacology and efficacy in vivo. *Br J Pharmacol.* 2011 Sep;164(2b):781-93.

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

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