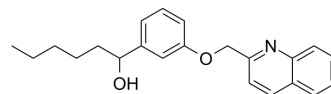


REV 5901

Cat. No.:	HY-112532
CAS No.:	101910-24-1
Molecular Formula:	C ₂₂ H ₂₅ NO ₂
Molecular Weight:	335.44
Target:	Leukotriene Receptor; Lipoxygenase
Pathway:	GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	REV 5901 is a competitive and orally active antagonist of leukotriene receptor, with a K _i of 0.7 μM. REV 5901 is also a 5-lipoxygenase inhibitor. REV 5901 can be used for the research of asthma in which leukotriene release be involved ^{[1][2]} .
IC ₅₀ & Target	Ki: 0.7 μM (leukotriene receptor) ^[1] ^[2]

REFERENCES

[1]. Inwegen RGV, et, al. REV 5901: an orally effective peptidoleukotriene antagonist, detailed biochemical/pharmacological profile. J Pharmacol Exp Ther. 1987 Apr;241(1):117-24.

[2]. Anderson G, et, al. Effects of REV 5901, a 5-lipoxygenase inhibitor and leukotriene antagonist, on pulmonary responses to platelet activating factor in the guinea-pig. Br J Pharmacol. 1988 Aug;94(4):1115-22.

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

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