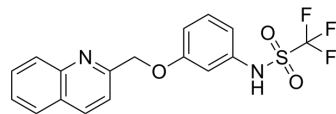


Ritolukast

Cat. No.:	HY-156978
CAS No.:	111974-60-8
Molecular Formula:	C ₁₇ H ₁₃ F ₃ N ₂ O ₃ S
Molecular Weight:	382.36
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ritolukast (Wy-48252) is an orally active aerosol leukotriene (LTD₄/E₄) receptor antagonist. Ritlukast can be used to inhibit the bronchoconstriction caused by aerosol LTD₄ in guinea pigs, with an ID₅₀ of 0.5mg/kg^[1].

REFERENCES

[1]. Hand JM, etal. Prevention and reversal of aerosol LTD₄-induced changes in guinea pigpulmonary mechanics by Wy-48252, an orally active LTD₄/E₄ receptor antagonist.Int Arch Allergy Appl Immunol. 1989;89(1):78-82.

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

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