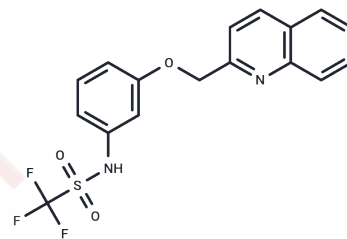


Ritolukast

Chemical Properties

CAS No. : 111974-60-8
 Formula: C₁₇H₁₃F₃N₂O₃S
 Molecular Weight: 382.36
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ritolukast (Wy-48252), an orally active aerosol leukotriene (LTD 4/E 4) receptor antagonist, effectively inhibits bronchoconstriction induced by aerosol LTD 4 in guinea pigs, demonstrating an ID 50 of 0.5mg/kg [1].
Targets(IC50)	Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6153 mL	13.0767 mL	26.1534 mL
5 mM	0.5231 mL	2.6153 mL	5.2307 mL
10 mM	0.2615 mL	1.3077 mL	2.6153 mL
50 mM	0.0523 mL	0.2615 mL	0.5231 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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