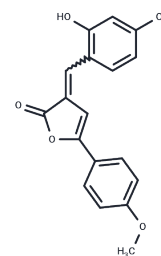


ALR-6

Chemical Properties

CAS No. : 6621-92-7
 Formula: C₁₈H₁₄O₅
 Molecular Weight: 310.3
 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	ALR-6, an antagonist of the 5-lipoxygenase (5-LOX) activating protein FLAP, possesses anti-inflammatory properties. It significantly inhibits 5-LOX product formation (>80%) in pro-inflammatory M1-MDM without substantially affecting direct inhibition of 5-LOX [1].
Targets(IC50)	FLAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2227 mL	16.1134 mL	32.2269 mL
5 mM	0.6445 mL	3.2227 mL	6.4454 mL
10 mM	0.3223 mL	1.6113 mL	3.2227 mL
50 mM	0.0645 mL	0.3223 mL	0.6445 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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