

Y-9738

Chemical Properties

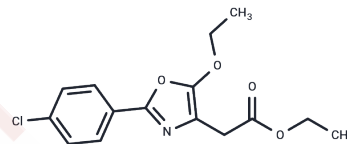
CAS No. : 59399-41-6

Formula: C₁₅H₁₆ClNO₄

Molecular Weight: 309.74

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	Y-9738 is an agent of hypolipidemic.
Targets(IC50)	Others,ROCK
In vivo	Y-9738 is a hypolipidemic agent that effectively reduces serum cholesterol, triglycerides, and heparin-precipitable β -lipoprotein cholesterol levels in a dose-dependent manner. At a dosage of 100 mg/kg, it significantly lowers cholesterol by 36% and alters lipoprotein patterns by decreasing the β -lipoprotein band's intensity while enhancing that of the α -lipoprotein band, as confirmed by electrophoresis.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2285 mL	16.1426 mL	32.2851 mL
5 mM	0.6457 mL	3.2285 mL	6.457 mL
10 mM	0.3229 mL	1.6143 mL	3.2285 mL
50 mM	0.0646 mL	0.3229 mL	0.6457 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.

Reference

Kobayakawa T, et al. Experimental hyper-beta-lipoproteinemia and its amelioration by a novel hypolipidemic agent. Atherosclerosis. 1978 Jul;30(3):219-25.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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