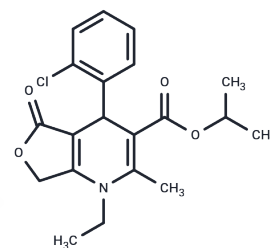


BAY R3401

Chemical Properties

CAS No. : 100276-03-7
 Formula: C₂₀H₂₂ClNO₄
 Molecular Weight: 375.846
 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	BAY R3401 is an orally active inhibitor of glycogen phosphorylase, leading to irreversible and non-selective inhibition of liver glycogenolysis. It suppresses glycogen breakdown in hepatocytes with IC ₅₀ values of 27.06 μM in HL-7702 cells and 52.83 μM in HepG2 cells. BAY R3401 is applicable for research in type 2 diabetes.
Targets(IC ₅₀)	Phosphorylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6606 mL	13.3032 mL	26.6064 mL
5 mM	0.5321 mL	2.6606 mL	5.3213 mL
10 mM	0.2661 mL	1.3303 mL	2.6606 mL
50 mM	0.0532 mL	0.2661 mL	0.5321 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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