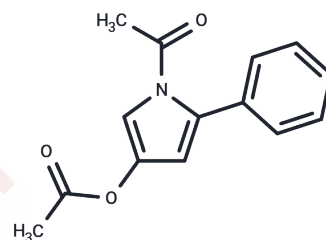


APPA

Chemical Properties

CAS No. : 100750-39-8
 Formula: C₁₄H₁₃NO₃
 Molecular Weight: 243.26
 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	APPA, an aldose reductase inhibitor, demonstrates efficacy in preventing apoptosis and symptoms of Streptozotocin-induced diabetes in rats through inhibition of the polyol pathway. This compound shows promise for research into diabetic nephropathy (DN) [1].
Targets(IC50)	Apoptosis,Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1108 mL	20.5541 mL	41.1083 mL
5 mM	0.8222 mL	4.1108 mL	8.2217 mL
10 mM	0.4111 mL	2.0554 mL	4.1108 mL
50 mM	0.0822 mL	0.4111 mL	0.8222 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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