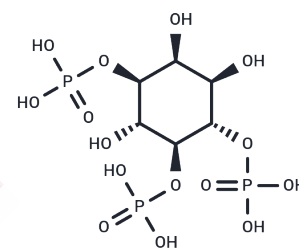


L-myo-Inositol-1,4,5-triphosphate (sodium salt)

Chemical Properties

CAS No. :	2068-89-5
Formula:	C ₆ H ₁₅ O ₁₅ P ₃
Molecular Weight:	420.10
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ins(1,4,5)P ₃ is an isomer of the biologically important D-myo-inositol-1,4,5-triphosphate. Unlike its isomer, Ins(1,4,5)P ₃ does not evoke a rise in intracellular calcium when added to cells. It is not known if Ins(1,4,5)P ₃ can act as a competitive inhibitor of biologically-active inositol phosphates.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 50 mg/mL (119.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3804 mL	11.9019 mL	23.8039 mL
5 mM	0.4761 mL	2.3804 mL	4.7608 mL
10 mM	0.238 mL	1.1902 mL	2.3804 mL
50 mM	0.0476 mL	0.238 mL	0.4761 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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