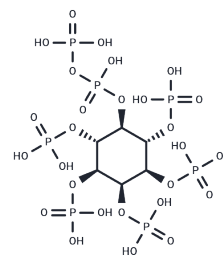


1-PP-myo-InsP5

Chemical Properties

CAS No. :	149714-25-0
Formula:	C ₆ H ₁₉ O ₂₇ P ₇
Molecular Weight:	740.02
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	1-PP-myo-InsP5 is a type of inositol pyrophosphate. In mammals, it functions as a signaling molecule by interacting with specific receptors or through non-enzymatic phosphate transfer. Additionally, 1-PP-myo-InsP5 is involved in various biological processes, such as insulin signaling and the regulation of telomere length.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3513 mL	6.7566 mL	13.5131 mL
5 mM	0.2703 mL	1.3513 mL	2.7026 mL
10 mM	0.1351 mL	0.6757 mL	1.3513 mL
50 mM	0.027 mL	0.1351 mL	0.2703 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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