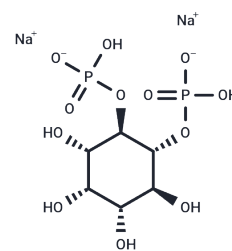


D-myo-Inositol-4,5-diphosphate sodium

Chemical Properties

CAS No. :	208584-57-0
Formula:	C ₆ H ₁₂ Na ₂ O ₁₂ P ₂
Molecular Weight:	384.08
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	D-myo-Inositol-4,5-diphosphate (sodium) is a member of the inositol phosphate second messenger family, playing a crucial role in cellular signaling. Upon binding to receptors on the endoplasmic reticulum, D-myo-Inositol-4,5-diphosphate (sodium) can open calcium channels, leading to an increased concentration of calcium ions within the cell.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6036 mL	13.0181 mL	26.0362 mL
5 mM	0.5207 mL	2.6036 mL	5.2072 mL
10 mM	0.2604 mL	1.3018 mL	2.6036 mL
50 mM	0.0521 mL	0.2604 mL	0.5207 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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