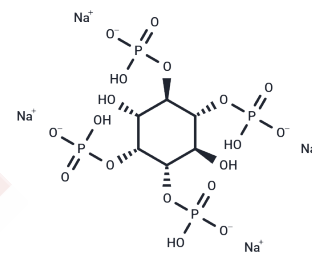


D-myo-Inositol-1,2,4,5-tetraphosphate tetrasodium salt

Chemical Properties

CAS No. :	154278-46-3
Formula:	C ₆ H ₁₂ Na ₄ O ₁₈ P ₄
Molecular Weight:	588.00
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	D-myo-Inositol-1,2,4,5-tetraphosphate (DL-Ins-(1,2,4,5)P ₄) tetrasodium is the racemic regioisomer of inositol tetraphosphate (IP ₄ s). It acts as an Ins(1,4,5)P ₃ receptor agonist with a K _i of 11 nM. Additionally, it can induce Ca ²⁺ mobilization with an EC ₅₀ of 0.22 μM in CHO cells.
Targets(IC ₅₀)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7007 mL	8.5034 mL	17.0068 mL
5 mM	0.3401 mL	1.7007 mL	3.4014 mL
10 mM	0.1701 mL	0.8503 mL	1.7007 mL
50 mM	0.034 mL	0.1701 mL	0.3401 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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