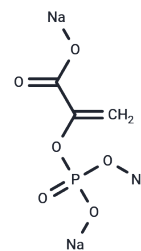


Phosphoenolpyruvic acid trisodium

Chemical Properties

CAS No. :	5541-93-5
Formula:	C ₃ H ₂ Na ₃ O ₆ P
Molecular Weight:	233.99
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	Phosphoenolpyruvic acid (Phosphoenolpyruvate) trisodium is a glycolytic metabolite containing a high-energy phosphate group. This compound is involved in glycolysis and gluconeogenesis and serves as a source of ATP generation under energy-restricted conditions. Additionally, Phosphoenolpyruvic acid trisodium exhibits cytoprotective and antioxidant properties.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2737 mL	21.3684 mL	42.7369 mL
5 mM	0.8547 mL	4.2737 mL	8.5474 mL
10 mM	0.4274 mL	2.1368 mL	4.2737 mL
50 mM	0.0855 mL	0.4274 mL	0.8547 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481