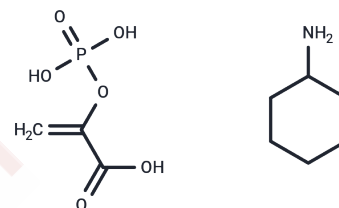


Phosphoenolpyruvic acid cyclohexylammonium salt

Chemical Properties

CAS No. :	10526-80-4
Formula:	C ₉ H ₁₈ NO ₆ P
Molecular Weight:	267.22
Storage:	Keep away from moisture 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	Phosphoenolpyruvic acid (Phosphoenolpyruvate) cyclohexylammonium salt is a glycolytic metabolite containing a high-energy phosphate group. It plays a role in glycolysis and gluconeogenesis, serving as an energy source for ATP production under energy-restricted conditions. Additionally, Phosphoenolpyruvic acid cyclohexylammonium salt exhibits cytoprotective and antioxidant properties.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7422 mL	18.7112 mL	37.4223 mL
5 mM	0.7484 mL	3.7422 mL	7.4845 mL
10 mM	0.3742 mL	1.8711 mL	3.7422 mL
50 mM	0.0748 mL	0.3742 mL	0.7484 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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