Creative Enzymes®

Phosphoenolpyruvic acid, monopotassium salt

Cat. No. CSUB-0920

Lot. No. (See product label)

Introduction

Description	Phosphoenolpyruvic acid, monopotassium salt is involved in glycolysis and gluconeogeneis. In glycolysis, PEP is metabolized by Pyruvate Kinase to yield pyruvate. In plants, PEP is involved in the formation of aromatic amino acids as well as in the carbon fixation pathway.
Applications	A chemical involved in glycolysis and gluconeogeneis
Synonyms	PEP-K; 2-(Phosphonooxy)-2-propenoic Acid Potassium Salt (1:1); Monopotassium Phosphoenolpyruvate; 2-hydroxy-Acrylic Acid Dihydrogen Phosphate Monopotassium Salt Santa Cruz Biotechnology

Product Information

Form	Solid
CAS No.	4265-07-0
Molecular Formula	C3H4O6P•K
Molecular Weight	206.13
Melting Point	175° C (lit.)(dec.)
Solubility	Soluble in water (100 mg/ml).
Substrates	Kinase

Storage and Shipping Information

Storage	Store at -20° C