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