

pyruvate, phosphate dikinase

Cat. No. EXWM-3348

Lot. No. (See product label)

Introduction

Description It is a key enzyme in gluconeogenesis and photosynthesis that is responsible for reversing the reaction performed by pyruvate kinase in Embden-Meyerhof-Parnas glycolysis.

Synonyms pyruvate, orthophosphate dikinase; pyruvate-phosphate dikinase (phosphorylating); pyruvate, phosphate dikinase; pyruvate-inorganic phosphate dikinase; pyruvate-phosphate dikinase; pyruvate-phosphate ligase; pyruvic-phosphate dikinase; pyruvic-phosphate ligase; pyruvate, Pi dikinase; PPDK

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.9.1

CAS No. 9027-40-1

Reaction $\text{ATP} + \text{pyruvate} + \text{phosphate} = \text{AMP} + \text{phosphoenolpyruvate} + \text{diphosphate}$

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.