

carbamate kinase

Cat. No. EXWM-3174

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with a carboxy group as acceptor. The systematic name of this enzyme class is ATP:carbamate phosphokinase. Other names in common use include CKase, carbamoyl phosphokinase, and carbamyl phosphokinase. This enzyme participates in 4 metabolic pathways: purine metabolism, glutamate metabolism, arginine and proline metabolism, and nitrogen metabolism.

Synonyms

CKase carbamoyl phosphokinase; carbamyl phosphokinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.2.2

CAS No.

9026-69-1

Reaction

$\text{ATP} + \text{NH}_3 + \text{CO}_2 = \text{ADP} + \text{carbamoyl phosphate}$

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.