

carboxymethylproline synthase

Cat. No. EXWM-2173

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in the biosynthesis of the carbapenem β -lactam antibiotic (5R)-carbapen-2-em-3-carboxylate in the bacterium *Pectobacterium carotovorum*.

Synonyms

CarB (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.226

Reaction

malonyl-CoA + (S)-1-pyrroline-5-carboxylate + H₂O = CoA + (2S,5S)-5-carboxymethylproline + CO₂

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.