

## carboxyvinyl-carboxyphosphonate phosphorylmutase

Cat. No. EXWM-3323

Lot. No. (See product label)

### Introduction

**Description** Catalyses the transfer and decarboxylation of the carboxy(hydroxy)phosphoryl group,  $\text{HOOC-P(O)(OH)-}$  (phosphoryl being a 3-valent group), in the formation of an unusual C-P bond that is involved in the biosynthesis of the antibiotic bialaphos.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.8.23

**CAS No.** 122799-57-9

**Reaction** 1-carboxyvinyl carboxyphosphonate = 3-(hydroxyhydroxyphosphoryl)pyruvate +  $\text{CO}_2$

**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.