

## proclavamate amidinohydrolase

Cat. No. EXWM-4524

Lot. No. (See product label)

### Introduction

#### Description

Forms part of the pathway for the biosynthesis of the  $\beta$ -lactamase inhibitor clavulanate in *Streptomyces clavuligerus*. It carries out an intermediary reaction between the first reaction of EC 1.14.11.21, clavamate synthase, and the second and third reactions of that enzyme. Requires  $Mn^{2+}$ .

#### Synonyms

PAH; proclavamate amidino hydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.3.22

#### Reaction

amidinoproclavamate +  $H_2O$  = proclavamate + urea

#### 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.