Creative Enzymes®

proclavaminate amidinohydrolase

Cat. No. EXWM-4524

Lot. No. (See product label)

Introduction

Description	Forms part of the pathway for the biosythesis of the β-lactamase inhibitor clavulanate in Streptomyces clavuligerus. It carries out an intermediary reaction between the first reaction of EC 1.14.11.21, clavaminate synthase, and the second and third reactions of that enzyme. Requires Mn2+.
Synonyms	PAH; proclavaminate amidino hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.3.22
Reaction	amidinoproclavaminate + H2O = proclavaminate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.