Creative Enzymes®

prephenate decarboxylase

Cat. No. EXWM-4753

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Bacillus subtilis, is involved in the biosynthesis of the nonribosomally synthesized dipeptide antibiotic bacilysin, composed of L-alanine and L-anticapsin. The enzyme isomerizes only the pro-R double bond in prephenate.
Synonyms	BacA; AerD; SalX; non-aromatizing prephenate decarboxylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.100
Reaction	prephenate = 3-[(4R)-4-hydroxycyclohexa-1,5-dien-1-yl]-2-oxopropanoate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.