

pantothenase

Cat. No. EXWM-4412

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is (R)-pantothenate amidohydrolase. Other names in common use include pantothenate hydrolase, and pantothenate amidohydrolase. This enzyme participates in pantothenate and coa biosynthesis.

Synonyms

pantothenate hydrolase; pantothenate amidohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.22

CAS No.

9076-90-8

Reaction

(R)-pantothenate + H₂O = (R)-pantoate + β-alanine

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.