

pantetheine hydrolase

Cat. No. EXWM-4484

Lot. No. (See product label)

Introduction

Description

The enzyme hydrolyses only one of the amide bonds of pantetheine. The substrate analogues phosphopantetheine and CoA are not substrates. The enzyme recycles pantothenate (vitamin B5) and produces 2-aminoethanethiol (cysteamine), a potent anti-oxidant.

Synonyms

pantetheinase; vanin; vanin-1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.92

CAS No.

56093-18-6

Reaction

(R)-pantetheine + H₂O = (R)-pantothenate + 2-aminoethanethiol

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.