

allantoate deiminase

Cat. No. EXWM-4535

Lot. No. (See product label)

Introduction

Description

This enzyme is part of the ureide pathway, which permits certain organisms to recycle the nitrogen in purine compounds. This enzyme, which liberates ammonia from allantoate, is present in plants and bacteria. In plants it is localized in the endoplasmic reticulum. Requires manganese.

Synonyms

allantoate amidohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.3.9

CAS No.

37289-13-7

Reaction

allantoate + H₂O = (S)-ureidoglycine + NH₃ + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.