Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.