

agmatine deiminase

Cat. No. EXWM-4514

Lot. No. (See product label)

Introduction

Description

The plant enzyme also catalyses the reactions of EC 2.1.3.3 (ornithine carbamoyltransferase), EC 2.1.3.6 (putrescine carbamoyltransferase) and EC 2.7.2.2 (carbamate kinase), thus functioning as a putrescine synthase, converting agmatine and ornithine into putrescine and citrulline, respectively.

Synonyms

agmatine amidinohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.3.12

CAS No.

37289-17-1

Reaction

agmatine + H₂O = N-carbamoylputrescine + NH₃

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.