

L-mimosine synthase

Cat. No. EXWM-2789

Lot. No. (See product label)

Introduction

Description

Brings about the biosynthesis of L-mimosine in plants of the Mimosa and Leucaena genera. Not identical with EC 2.5.1.51, β -pyrazolylalanine synthase.

Synonyms

O3-acetyl-L-serine acetate-lyase (adding 3,4-dihydropyridin-1-yl); 3-O-acetyl-L-serine:3,4-dihydropyridine 1-(2-amino-2-carboxyethyl)transferase; O3-acetyl-L-serine:3,4-dihydropyridine 1-(2-amino-2-carboxyethyl)transferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.52

CAS No.

93229-75-5

Reaction

O-acetyl-L-serine + 3,4-dihydropyridine = 3-(3,4-dihydropyridin-1-yl)-L-alanine + acetate

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.