Creative Enzymes®

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-dihydroxypyridin-1-yl); 3-O-acetyl-L-serine:3,4-dihydroxypyridine 1-(2-amino-2-carboxyethyl)transferase; O3-acetyl-L-serine:3,4-dihydroxypyridine 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-dihydroxypyridine = 3-(3,4-dihydroxypyridin-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.