

## 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,  $\beta$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.