Creative Enzymes®

β-pyrazolylalanine synthase

Cat. No. EXWM-2788

Lot. No. (See product label)

Introduction

Description	The enzyme is highly specific for acetylserine and pyrazole. Not identical with EC 2.5.1.52 L-mimosine synthase.
Synonyms	β-(1-pyrazolyl)alanine synthase; β-pyrazolealanine synthase; β-pyrazolylalanine synthase (acetylserine); O3-acetyl-L-serine acetate-lyase (adding pyrazole); BPA-synthase; pyrazolealanine synthase; pyrazolylalaninase; 3-O-acetyl-L-serine:pyrazole 1-(2-amino-2-carboxyethyl)transferase; O3-acetyl-L-serine:pyrazole 1-(2-amino-2-carboxyethyl)transferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.51
CAS No.	37290-81-6
Reaction	O-acetyl-L-serine + pyrazole = 3-(pyrazol-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 ℃.