Creative Enzymes®

phenylpyruvate C3-methyltransferase

Cat. No. EXWM-1888

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Streptomyces hygroscopicus NRRL3085 is involved in synthesis of the nonproteinogenic amino acid (2S,3S)-β-methyl-phenylalanine, a building block of the antibiotic mannopeptimycin.
Synonyms	phenylpyruvate Cβ-methyltransferase; phenylpyruvate methyltransferase; mppJ (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.281
Reaction	S-adenosyl-L-methionine + 3-phenylpyruvate = S-adenosyl-L-homocysteine + (3S)-2-oxo-3-phenylbutanoate
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 ℃.