Creative Enzymes®

5,10-dihydrophenazine-1-carboxylate 9-dimethylallyltransferase

Cat. No. EXWM-2737

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the biosynthesis of prenylated phenazines by the bacterium Streptomyces anulatus. It is specific for both dimethylallyl diphosphate and 5,10-dihydrophenazine-1-carboxylate.
Synonyms	PpzP; dihydrophenazine-1-carboxylate dimethylallyltransferase; 5,10-dihydrophenazine 1-carboxylate dimethylallyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.121
Reaction	dimethylallyl diphosphate + 5,10-dihydrophenazine-1-carboxylate = diphosphate + 9-(dimethylallyl)-5,10-dihydrophenazine-1-carboxylate
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 ℃.