Creative Enzymes®

phenazine-1-carboxylate N-methyltransferase

Cat. No. EXWM-1935

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Pseudomonas aeruginosa, is involved in the biosynthesis of pyocyanin, a toxin produced and secreted by the organism. The enzyme is active in vitro only in the presence of EC 1.14.13.218, 5-methylphenazine-1-carboxylate 1-monooxygenase.
Synonyms	phzM (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.327
Reaction	S-adenosyl-L-methionine + phenazine-1-carboxylate = S-adenosyl-L-homocysteine + 5-methylphenazine-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 ℃.