

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