

cypemycin N-terminal methyltransferase

Cat. No. EXWM-1909

Lot. No. (See product label)

Introduction

Description

The enzyme, isolated from the bacterium *Streptomyces* sp. OH-4156, can methylate a variety of linear oligopeptides, cyclic peptides such as nisin and haloduracin, and the ε-amino group of lysine. Cypemycin is a peptide antibiotic, a member of the linaridins, a class of posttranslationally modified ribosomally synthesized peptides.

Synonyms

CypM

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.301

Reaction

2 S-adenosyl-L-methionine + N-terminal L-alanine-[cypemycin] = 2 S-adenosyl-L-homocysteine + N-terminal N,N-dimethyl-L-alanine-[cypemycin]

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.