

## demethylmacrocin O-methyltransferase

Cat. No. EXWM-1700

Lot. No. (See product label)

### Introduction

#### Description

Requires Mg<sup>2+</sup>. The enzyme, isolated from the bacterium *Streptomyces fradiae*, is involved in the biosynthesis of the macrolide antibiotic tylosin. The 2-hydroxy group of a 6-deoxy-D-allose moiety in demethylmacrocin acts as the methyl acceptor. Also acts on demethylactenocin, giving actenocin. Not identical with EC 2.1.1.101 macrocin O-methyltransferase.

#### Synonyms

demethylmacrocin methyltransferase; DMOMT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.1.1.102

#### CAS No.

120313-64-6

#### Reaction

S-adenosyl-L-methionine + demethylmacrocin = S-adenosyl-L-homocysteine + macrocin

#### 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.