

## tylactone mycaminosyltransferase

Cat. No. EXWM-2552

Lot. No. (See product label)

### Introduction

#### Description

The enzyme participates in the biosynthetic pathway of the macrolide antibiotic tylosin, which is produced by several species of *Streptomyces* bacteria. Activity is significantly enhanced by the presence of an accessory protein encoded by the *tylM3* gene.

#### Synonyms

*tylM2* (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.316

#### Reaction

tylactone + dTDP- $\alpha$ -D-mycaminose = dTDP + 5-O- $\beta$ -D-mycaminosyltylactone

#### 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.