

## 20-oxo-5-O-mycaminosyltylactone 23-monooxygenase

Cat. No. EXWM-0785

Lot. No. (See product label)

### Introduction

#### Description

A cytochrome P-450 heme-thiolate enzyme. Involved in the biosynthetic pathway of the macrolide antibiotic tylosin, which is produced by several species of *Streptomyces* bacteria.

#### Synonyms

tylH1 (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.13.186

#### Reaction

20-oxo-5-O-β-mycaminosyltylactone + NADPH + H<sup>+</sup> + O<sub>2</sub> = 5-O-β-mycaminosyltylonolide + NADP<sup>+</sup> + H<sub>2</sub>O

#### 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.