

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 $20\text{-oxo-5-O-}\beta\text{-mycaminosyltylactone} + \text{NADPH} + \text{H}^+ + \text{O}_2 = 5\text{-O-}\beta\text{-mycaminosyltylonolide} + \text{NADP}^+ + \text{H}_2\text{O}$

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.