

erythromycin 12-hydroxylase

Cat. No. EXWM-0754

Lot. No. (See product label)

Introduction

Description

The enzyme is responsible for the C-12 hydroxylation of the macrolactone ring, one of the last steps in erythromycin biosynthesis. It shows 1200-1900-fold preference for erythromycin D over the alternative substrate erythromycin B.

Synonyms

EryK

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.154

Reaction

erythromycin D + NADPH + H⁺ + O₂ = erythromycin C + NADP⁺ + H₂O

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.