

6-deoxyerythronolide B hydroxylase

Cat. No. EXWM-0787

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). Isolated from the bacterium *Saccharopolyspora erythraea*. The enzyme is involved in the biosynthesis of the antibiotic erythromycin.

Synonyms

DEB hydroxylase; eryF (gene name); P450(eryF); CYP107A1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.188

Reaction

6-deoxyerythronolide B + NADPH + H⁺ + O₂ = erythronolide B + 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.