

5-methyl-1-naphthoate 3-hydroxylase

Cat. No. EXWM-0788

Lot. No. (See product label)

Introduction

Description

The enzyme from the bacterium *Streptomyces sahachiroi* is involved in the biosynthesis of 3-methoxy-5-methyl-1-naphthoate, a component of the antitumor antibiotic azinomycin B.

Synonyms

AziB1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.189

Reaction

5-methyl-1-naphthoate + NADPH + H⁺ + O₂ = 3-hydroxy-5-methyl-1-naphthoate + 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.