

5-methylnaphthoic acid synthase

Cat. No. EXWM-2184

Lot. No. (See product label)

Introduction

Description A multi-domain polyketide synthase involved in the synthesis of azinomycin B in the bacterium *Streptomyces griseofuscus*.

Synonyms AziB

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.3.1.236

Reaction $\text{acetyl-CoA} + 5 \text{ malonyl-CoA} + 3 \text{ NADPH} + 3 \text{ H}^+ = 5\text{-methyl-1-naphthoate} + 6 \text{ CoA} + 5 \text{ CO}_2 + 4 \text{ H}_2\text{O} + 3 \text{ NADP}^+$

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.