

## 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** acetyl-CoA + 5 malonyl-CoA + 3 NADPH + 3 H<sup>+</sup> = 5-methyl-1-naphthoate + 6 CoA + 5 CO<sub>2</sub> + 4 H<sub>2</sub>O + 3 NADP<sup>+</sup>

**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.