

6-methylsalicylic-acid synthase

Cat. No. EXWM-2105

Lot. No. (See product label)

Introduction

Description

A multienzyme complex with a 4'-phosphopantetheine prosthetic group on the acyl carrier protein. It has a similar sequence to vertebrate type I fatty acid synthase. Acetoacetyl-CoA can also act as a starter molecule.

Synonyms

MSAS; 6-methylsalicylic acid synthase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.165

CAS No.

9045-37-8

Reaction

acetyl-CoA + 3 malonyl-CoA + NADPH + H⁺ = 6-methylsalicylate + 4 CoA + 3 CO₂ + 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.