Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.