Creative Enzymes®

jasmonate O-methyltransferase

Cat. No. EXWM-1737

Lot. No. (See product label)

Introduction

Description	9,10-Dihydrojasmonic acid is a poor substrate for the enzyme. The enzyme does not convert 12-oxo-phytodienoic acid (a precursor of jasmonic acid), salicylic acid, benzoic acid, linolenic acid or cinnamic acid into their corresponding methyl esters. Enzyme activity is inhibited by the presence of divalent cations, e.g., Ca2+, Cu2+, Mg2+ and Zn2+.
Synonyms	jasmonic acid carboxyl methyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.141
CAS No.	346420-58-4
Reaction	S-adenosyl-L-methionine + jasmonate = S-adenosyl-L-homocysteine + methyl jasmonate
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 ℃.