Creative Enzymes®

juvenile hormone-III synthase

Cat. No. EXWM-1933

Lot. No. (See product label)

Introduction

Description	The enzyme, found in insects, is involved in the synthesis of juvenile hormone III, a sesquiterpenoid that regulates several processes including embryonic development, metamorphosis, and reproduction, in many insect species.
Synonyms	farnesoic acid methyltransferase; juvenile hormone acid methyltransferase; JHAMT

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.325
Reaction	(1) S-adenosyl-L-methionine + (2E,6E)-farnesoate = S-adenosyl-L-homocysteine + methyl (2E,6E)-farnesoate; (2) S-adenosyl-L-methionine + juvenile hormone III acid = S-adenosyl-L-homocysteine + juvenile hormone III
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 ℃.