

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