

juvenile-hormone esterase

Cat. No. EXWM-3487

Lot. No. (See product label)

Introduction

Description

Demethylates the insect juvenile hormones JH1 and JH3, but does not hydrolyse the analogous ethyl or isopropyl esters.

Synonyms

JH-esterase; juvenile hormone analog esterase; juvenile hormone carboxyesterase; methyl-(2E,6E)-(10R,11S)-10,11-epoxy-3,7,11-trimethyltrideca-2,6-dienoate acylhydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.1.59

CAS No.

50812-15-2

Reaction

(1) juvenile hormone I + H₂O = juvenile hormone I acid + methanol; (2) juvenile hormone III + H₂O = juvenile hormone III acid + methanol

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.