Creative Enzymes®

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