

## farnesoate epoxidase

Cat. No. EXWM-0805

Lot. No. (See product label)

### Introduction

#### Description

A heme-thiolate protein (cytochrome P-450). The enzyme, found in Lepidoptera (moths and butterflies), is specific for farnesoate (cf. EC 1.14.13.202, methyl farnesoate epoxidase). It is involved in the synthesis of juvenile hormone.

#### Synonyms

CYP15C1

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.13.203

#### Reaction

(2E,6E)-farnesoate + NADPH + H<sup>+</sup> + O<sub>2</sub> = juvenile-hormone-III carboxylate + NADP<sup>+</sup> + H<sub>2</sub>O

#### 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.