

## 2-hydroxy-6-oxonona-2,4-dienedioate hydrolase

Cat. No. EXWM-4723

Lot. No. (See product label)

### Introduction

#### Description

This enzyme catalyses a step in a pathway of phenylpropanoid compounds degradation. The first step of the enzyme mechanism involves a reversible keto-enol tautomerization.

#### Synonyms

mhpC (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.7.1.14

#### Reaction

(1) (2Z,4E)-2-hydroxy-6-oxonona-2,4-diene-1,9-dioate + H<sub>2</sub>O = (2Z)-2-hydroxypenta-2,4-dienoate + succinate; (2) (2Z,4E,7E)-2-hydroxy-6-oxonona-2,4,7-triene-1,9-dioate + H<sub>2</sub>O = (2Z)-2-hydroxypenta-2,4-dienoate + fumarate

#### 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.