Creative Enzymes®

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 + H2O = (2Z)-2-hydroxypenta-2,4-dienoate + succinate; (2) (2Z,4E,7E)-2-hydroxy-6-oxonona-2,4,7-triene-1,9-dioate + H2O = (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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.