

## 2,6-dioxo-6-phenylhexa-3-enoate hydrolase

Cat. No. EXWM-4737

Lot. No. (See product label)

### Introduction

#### Description

Cleaves the products from biphenol, 3-isopropylcatechol and 3-methylcatechol produced by EC 1.13.11.39 biphenyl-2,3-diol 1,2-dioxygenase, by ring-fission at a -CO-C bond. Involved in the breakdown of biphenyl-related compounds by *Pseudomonas* sp.

#### Synonyms

HOHPDA hydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.7.1.8

#### CAS No.

102925-38-2

#### Reaction

2,6-dioxo-6-phenylhexa-3-enoate + H<sub>2</sub>O = benzoate + 2-oxopent-4-enoate

#### 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.