

## 2-hydroxy-6-oxo-6-(2-aminophenyl)hexa-2,4-dienoate hydrolase

Cat. No. EXWM-4722

Lot. No. (See product label)

### Introduction

#### Description

This enzyme catalyses the third step in the aerobic degradation pathway of carbazole. The effect of the presence of an amino group or hydroxyl group at the 2-position of the substrate is small. The enzyme has no cofactor requirement.

#### Synonyms

CarC

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.7.1.13

#### Reaction

(2E,4E)-6-(2-aminophenyl)-2-hydroxy-6-oxohexa-2,4-dienoate + H<sub>2</sub>O = anthranilate + (2E)-2-hydroxypenta-2,4-dienoate

#### 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.