

## catechol 2,3-dioxygenase

Cat. No. EXWM-0539

Lot. No. (See product label)

### Introduction

#### Description

Requires FeII. The enzyme initiates the meta-cleavage pathway of catechol degradation.

#### Synonyms

2,3-pyrocatechase; catechol 2,3-oxygenase; catechol oxygenase; metapyrocatechase; pyrocatechol 2,3-dioxygenase; xylE (gene name); catechol:oxygen 2,3-oxidoreductase (decyclizing)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.13.11.2

#### CAS No.

9029-46-3

#### Reaction

catechol + O<sub>2</sub> = 2-hydroxymuconate-6-semialdehyde

#### 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.