

## chloridazon-catechol dioxygenase

Cat. No. EXWM-0555

Lot. No. (See product label)

### Introduction

#### Description

An iron protein, requiring additional Fe<sup>2+</sup>. Not identical with EC 1.13.11.1 (catechol 1,2-dioxygenase), EC 1.13.11.2 (catechol 2,3-dioxygenase) or EC 1.13.11.5 (homogentisate 1,2-dioxygenase). Involved in the breakdown of the herbicide chloridazon.

#### Synonyms

5-amino-4-chloro-2-(2,3-dihydroxyphenyl)-3(2H)-pyridazinone 1,2-oxidoreductase (decyclizing)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.13.11.36

#### CAS No.

82869-32-7

#### Reaction

5-amino-4-chloro-2-(2,3-dihydroxyphenyl)-3(2H)-pyridazinone + O<sub>2</sub> = 5-amino-4-chloro-2-(2-hydroxymuconoyl)-3(2H)-pyridazinone

#### 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.