

catechol oxidase (dimerizing)

Cat. No. EXWM-0396

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with oxygen as acceptor. The systematic name of this enzyme class is catechol:oxygen oxidoreductase (dimerizing).

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.3.14

CAS No.

37250-83-2

Reaction

$4 \text{ catechol} + 3 \text{ O}_2 = 2 \text{ dibenzo}[1,4]\text{dioxin-2,3-dione} + 6 \text{ H}_2\text{O}$

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.