Creative Enzymes®

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 catechol + 3 O2 = 2 dibenzo[1,4]dioxin-2,3-dione + 6 H2O
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.