Creative Enzymes®

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 + O2 = 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.