

pyrogallol 1,2-oxygenase

Cat. No. EXWM-0554

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on single donors with O₂ as oxidant and incorporation of two atoms of oxygen into the substrate (oxygenases). The oxygen incorporated need not be derived from O₂. The systematic name of this enzyme class is 1,2,3-trihydroxybenzene:oxygen 1,2-oxidoreductase (decyclizing). This enzyme is also called pyrogallol 1,2-dioxygenase.

Synonyms

pyrogallol 1,2-dioxygenase; 1,2,3-trihydroxybenzene:oxygen 1,2-oxidoreductase (decyclizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.13.11.35

CAS No.

78310-68-6

Reaction

1,2,3-trihydroxybenzene + O₂ = (2Z,4E)-2-hydroxyhexa-2,4-dienedioate

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.