

2,3-dihydroxyindole 2,3-dioxygenase

Cat. No. EXWM-0542

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 2,3-dihydroxyindole:oxygen 2,3-oxidoreductase (decyclizing). This enzyme participates in tryptophan metabolism.

Synonyms

2,3-dihydroxyindole:oxygen 2,3-oxidoreductase (decyclizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.13.11.23

CAS No.

37256-62-5

Reaction

2,3-dihydroxyindole + O₂ = anthranilate + CO₂

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.