Creative Enzymes®

indole 2,3-dioxygenase

Cat. No. EXWM-0536

Lot. No. (See product label)

Introduction

Description	Enzymes from the plants Tecoma stans, Jasminum grandiflorum and Zea mays are flavoproteins containing copper. They are part of enzyme systems that form either anthranil (2,1-benzoisoxazole) (Tecoma stans), anthranilate (Jasminum grandiflorum) or both (Zea mays) as the final product. A second enzyme from Tecoma stans is not a flavoprotein, does not require copper, and is part of a system that forms anthranilate as the final product.
Synonyms	indole oxidase; indoleamine 2,3-dioxygenase (ambiguous); indole:O2 oxidoreductase; indole-oxygen 2,3-oxidoreductase (decyclizing); IDO (ambiguous); indole:oxygen 2,3-oxidoreductase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.13.11.17
CAS No.	37256-57-8
Reaction	indole + O2 = 2-formylaminobenzaldehyde
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 ℃.