

tryptophan α,β -oxidase

Cat. No. EXWM-1371

Lot. No. (See product label)

Introduction

Description

Requires heme. The enzyme from *Chromobacterium violaceum* is specific for tryptophan derivatives possessing its carboxyl group free or as an amide or ester, and an unsubstituted indole ring. Also catalyses the α,β dehydrogenation of L-tryptophan side chains in peptides. The product of the reaction can hydrolyse spontaneously to form (indol-3-yl)pyruvate.

Synonyms

L-tryptophan 2',3'-oxidase; L-tryptophan α,β -dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.3.10

CAS No.

156859-19-7

Reaction

L-tryptophan + O₂ = α,β -didehydrotryptophan + H₂O₂

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.