

alcohol oxidase

Cat. No. EXWM-0395

Lot. No. (See product label)

Introduction

Description

The enzymes from the fungi *Candida methanosorbosa* and several Basidiomycetes species contain an FAD cofactor. The enzyme from the phytopathogenic fungi *Colletotrichum graminicola* and *Colletotrichum gloeosporioides* utilize a mononuclear copper-radical mechanism. The enzyme acts on primary alcohols and unsaturated alcohols, and has much lower activity with branched-chain and secondary alcohols.

Synonyms

ethanol oxidase; alcohol:oxygen oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.3.13

CAS No.

9073-63-6

Reaction

a primary alcohol + O₂ = an aldehyde + 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.