

L-glutamate oxidase

Cat. No. EXWM-1467

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD).The enzyme from Azotobacter previously listed under this number, which did not produce H₂O₂, was a crude cell-free extract that probably contained catalase.

Synonyms

glutamate (acceptor) dehydrogenase; glutamate oxidase; glutamic acid oxidase; glutamic dehydrogenase (acceptor); L-glutamic acid oxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.4.3.11

CAS No.

39346-34-4

Reaction

L-glutamate + O₂ + H₂O = 2-oxoglutarate + NH₃ + 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.