

D-glutamate(D-aspartate) oxidase

Cat. No. EXWM-1471

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD). D-Glutamate and D-aspartate are oxidized at the same rate. Other D-monoaminodicarboxylates, and other D- and L-amino acids, are not oxidized. cf. EC 1.4.3.7, D-glutamate oxidase and EC 1.4.3.1, D-aspartate oxidase.

Synonyms

D-glutamic-aspartic oxidase; D-monoaminodicarboxylic acid oxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.4.3.15

CAS No.

9029-20-3

Reaction

(1) D-glutamate + H₂O + O₂ = 2-oxoglutarate + NH₃ + H₂O₂; (2) D-aspartate + H₂O + O₂ = oxaloacetate + 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.