

(S)-2-hydroxy-acid oxidase

Cat. No. EXWM-0397

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FMN). Exists as two major isoenzymes; the A form preferentially oxidizes short-chain aliphatic hydroxy acids, and was previously listed as EC 1.1.3.1, glycolate oxidase; the B form preferentially oxidizes long-chain and aromatic hydroxy acids. The rat isoenzyme B also acts as EC 1.4.3.2, L-amino-acid oxidase.

Synonyms

hydroxy-acid oxidase A; hydroxy-acid oxidase B; glycolate oxidase; L-2-hydroxy acid oxidase; hydroxyacid oxidase A; L- α -hydroxy acid oxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.3.15

CAS No.

9028-71-1

Reaction

an (S)-2-hydroxy carboxylate + O₂ = a 2-oxo carboxylate + 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.