

(S)-2-hydroxy-fatty-acid dehydrogenase

Cat. No. EXWM-0383

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is (S)-2-hydroxystearate:NAD⁺ oxidoreductase. Other names in common use include dehydrogenase, L-2-hydroxy fatty acid, L-2-hydroxy fatty acid dehydrogenase, and 2-hydroxy fatty acid oxidase.

Synonyms

dehydrogenase, L-2-hydroxy fatty acid; L-2-hydroxy fatty acid dehydrogenase; 2-hydroxy fatty acid oxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.99

CAS No.

37250-33-2

Reaction

(S)-2-hydroxystearate + NAD⁺ = 2-oxostearate + NADH + H⁺

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.