

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

Cat. No. EXWM-0382

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 (R)-2-hydroxystearate:NAD⁺ oxidoreductase. Other names in common use include D-2-hydroxy fatty acid dehydrogenase, and 2-hydroxy fatty acid oxidase.

Synonyms D-2-hydroxy fatty acid dehydrogenase; 2-hydroxy fatty acid oxidase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.98

CAS No. 37250-32-1

Reaction (R)-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.