Creative Enzymes®

(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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.