

15-hydroxyicosatetraenoate dehydrogenase

Cat. No. EXWM-0139

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 (15S)-15-hydroxy-5,8,11-cis-13-trans-icosatetraenoate:NAD(P)⁺ 15-oxidoreductase. This enzyme is also called 15-hydroxyeicosatetraenoate dehydrogenase. This enzyme participates in arachidonic acid metabolism.

Synonyms 15-hydroxyeicosatetraenoate dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.232

CAS No. 117910-46-0

Reaction (15S)-15-hydroxy-5,8,11-cis-13-trans-icosatetraenoate + NAD(P)⁺ = 15-oxo-5,8,11-cis-13-trans-icosatetraenoate + NAD(P)H + 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.