

L-threonate 3-dehydrogenase

Cat. No. EXWM-0032

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 L-threonate:NAD⁺ 3-oxidoreductase. Other names in common use include threonate dehydrogenase, and L-threonic acid dehydrogenase. This enzyme participates in ascorbate and aldarate metabolism.

Synonyms

threonate dehydrogenase; L-threonic acid dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.129

CAS No.

37250-59-2

Reaction

L-threonate + NAD⁺ = 3-dehydro-L-threonate + 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.