

3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)propanoate dehydrogenase

Cat. No. EXWM-1356

Lot. No. (See product label)

Introduction

Description

This enzyme catalyses a step in the pathway of phenylpropanoid compounds degradation.

Synonyms

hcaB (gene name); cis-dihydrodiol dehydrogenase; 2,3-dihydroxy-2,3-dihydro-phenylpropionate dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.87

Reaction

(1) 3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)propanoate + NAD⁺ = 3-(2,3-dihydroxyphenyl)propanoate + NADH + H⁺; (2) (2E)-3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)prop-2-enoate + NAD⁺ = (2E)-3-(2,3-dihydroxyphenyl)prop-2-enoate + 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.