

cyclic alcohol dehydrogenase (quinone)

Cat. No. EXWM-0435

Lot. No. (See product label)

Introduction

Description

This enzyme oxidizes a wide variety of cyclic alcohols. Some minor enzyme activity is found with aliphatic secondary alcohols and sugar alcohols, but not primary alcohols. The enzyme is unable to catalyse the reverse reaction of cyclic ketones or aldehydes to cyclic alcohols. This enzyme differs from EC 1.1.5.5, alcohol dehydrogenase (quinone), which shows activity with ethanol.

Synonyms

cyclic alcohol dehydrogenase; MCAD

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.5.7

Reaction

a cyclic alcohol + a quinone = a cyclic ketone + a quinol

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.