

dihydrocarveol dehydrogenase

Cat. No. EXWM-0205

Lot. No. (See product label)

Introduction

Description

This enzyme from the Gram-positive bacterium *Rhodococcus erythropolis* DCL14 forms part of the carveol and dihydrocarveol degradation pathway. The enzyme accepts all eight stereoisomers of menth-8-en-2-ol as substrate, although some isomers are converted faster than others. The preferred substrates are (+)-neoisodihydrocarveol, (+)-isodihydrocarveol, (+)-dihydrocarveol and (-)-isodihydrocarveol.

Synonyms

carveol dehydrogenase (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.296

Reaction

menth-8-en-2-ol + NAD⁺ = menth-8-en-2-one + 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.