Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.