

phenylacetaldehyde dehydrogenase

Cat. No. EXWM-1143

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is phenylacetaldehyde:NAD⁺ oxidoreductase. This enzyme participates in phenylalanine metabolism and styrene degradation.

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.2.1.39

CAS No. 58943-37-6

Reaction phenylacetaldehyde + NAD⁺ + H₂O = phenylacetate + NADH + 2 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.