

2-coumarate reductase

Cat. No. EXWM-1282

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is 3-(2-hydroxyphenyl)propanoate:NAD⁺ oxidoreductase. This enzyme is also called melilotate dehydrogenase. This enzyme participates in phenylalanine metabolism.

Synonyms

melilotate dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.11

CAS No.

37251-10-8

Reaction

3-(2-hydroxyphenyl)propanoate + NAD⁺ = 2-coumarate + 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.