

arogenate dehydrogenase

Cat. No. EXWM-1315

Lot. No. (See product label)

Introduction

Description

Arogenate dehydrogenases may utilize NAD⁺ (EC 1.3.1.43), NADP⁺ (EC 1.3.1.78), or both (EC 1.3.1.79). NAD⁺-specific enzymes have been reported from some bacteria and plants. Some enzymes also possess the activity of EC 1.3.1.12, prephenate dehydrogenase.

Synonyms

arogenic dehydrogenase (ambiguous); cyclohexadienyl dehydrogenase; pretyrosine dehydrogenase (ambiguous); L-arogenate:NAD⁺ oxidoreductase; arogenate dehydrogenase (NAD⁺)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.43

CAS No.

64295-75-6

Reaction

L-arogenate + NAD⁺ = L-tyrosine + NADH + CO₂

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.