

arogenate dehydrogenase [NAD(P)+]

Cat. No. EXWM-1348

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). Enzymes that can utilize both cofactors have been reported from some Proteobacteria, including *Burkholderia caryophylli*, *Burkholderia cepacia*, *Pseudomonas marginata* and *Delftia acidovorans*.

Synonyms

arogenic dehydrogenase (ambiguous); cyclohexadienyl dehydrogenase; pretyrosine dehydrogenase (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.79

CAS No.

64295-75-6

Reaction

L-arogenate + NAD(P)⁺ = L-tyrosine + NAD(P)H + 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.