Creative Enzymes®

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