

## arogenate dehydrogenase

Cat. No. EXWM-1315

Lot. No. (See product label)

### Introduction

**Description** Arogenate dehydrogenases may utilize NAD<sup>+</sup> (EC 1.3.1.43), NADP<sup>+</sup> (EC 1.3.1.78), or both (EC 1.3.1.79). NAD<sup>+</sup>-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<sup>+</sup> oxidoreductase; arogenate dehydrogenase (NAD<sup>+</sup>)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.3.1.43

**CAS No.** 64295-75-6

**Reaction** L-arogenate + NAD<sup>+</sup> = L-tyrosine + NADH + CO<sub>2</sub>

**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.