

maleylacetate reductase

Cat. No. EXWM-1305

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-oxoadipate:NAD(P)⁺ oxidoreductase. This enzyme is also called maleolylacetate reductase. This enzyme participates in 3 metabolic pathways: gamma-hexachlorocyclohexane degradation, benzoate degradation via hydroxylation, and 1,4-dichlorobenzene degradation.

Synonyms

maleolylacetate reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.32

CAS No.

69669-65-4

Reaction

3-oxoadipate + NAD(P)⁺ = 2-maleylacetate + NAD(P)H + 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.