Creative Enzymes®

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