

vanillin dehydrogenase

Cat. No. EXWM-1168

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is vanillin:NAD⁺ oxidoreductase. This enzyme participates in 2,4-dichlorobenzoate degradation.

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.2.1.67

CAS No. 189767-93-9

Reaction $\text{vanillin} + \text{NAD}^+ + \text{H}_2\text{O} = \text{vanillate} + \text{NADH} + 2 \text{H}^+$

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.