

methylenetetrahydrofolate dehydrogenase (NAD+)

Cat. No. EXWM-1496

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH group of donors with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is 5,10-methylenetetrahydrofolate:NAD⁺ oxidoreductase. This enzyme is also called methylenetetrahydrofolate dehydrogenase (NAD⁺). This enzyme participates in one carbon pool by folate.

Synonyms methylenetetrahydrofolate dehydrogenase (NAD⁺)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.5.1.15

CAS No. 82062-90-6

Reaction 5,10-methylenetetrahydrofolate + NAD⁺ = 5,10-methenyltetrahydrofolate + NADH + 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.