

N-methylalanine dehydrogenase

Cat. No. EXWM-1450

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH₂ group of donors with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is N-methyl-L-alanine:NADP⁺ oxidoreductase (demethylating, deaminating).

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.4.1.17

CAS No. 56379-51-2

Reaction N-methyl-L-alanine + H₂O + NADP⁺ = pyruvate + methylamine + NADPH + 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.