

NAD⁺ synthase (glutamine-hydrolysing)

Cat. No. EXWM-5802

Lot. No. (See product label)

Introduction

Description NH₃ can act instead of glutamine (cf. EC 6.3.1.5 NAD⁺ synthase).

Synonyms NAD synthetase (glutamine-hydrolysing); nicotinamide adenine dinucleotide synthetase (glutamine); desamidonicotinamide adenine dinucleotide amidotransferase; DPN synthetase

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.3.5.1

CAS No. 37318-70-0

Reaction ATP + deamido-NAD⁺ + L-glutamine + H₂O = AMP + diphosphate + NAD⁺ + L-glutamate

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.