

D-octopine dehydrogenase

Cat. No. EXWM-1495

Lot. No. (See product label)

Introduction

Description

In the reverse direction, acts also on L-ornithine, L-lysine and L-histidine.

Synonyms

D-octopine synthase; octopine dehydrogenase; octopine:NAD⁺ oxidoreductase; ODH; 2-N-(D-1-carboxyethyl)-L-arginine:NAD⁺ oxidoreductase (L-arginine-forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.1.11

CAS No.

37256-27-2

Reaction

$\text{N}^2\text{-(D-1-carboxyethyl)-L-arginine} + \text{NAD}^+ + \text{H}_2\text{O} = \text{L-arginine} + \text{pyruvate} + \text{NADH} + \text{H}^+$

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.