

N5-(carboxyethyl)ornithine synthase

Cat. No. EXWM-1506

Lot. No. (See product label)

Introduction

Description

In the reverse direction, L-lysine can act instead of L-ornithine, but more slowly. Acts on the amino group. cf. EC 1.5.1.16, D-lysopine dehydrogenase.

Synonyms

5-N-(L-1-carboxyethyl)-L-ornithine:NADP+ oxidoreductase (L-ornithine-forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.1.24

CAS No.

129070-70-8

Reaction

$\text{N5-(L-1-carboxyethyl)-L-ornithine} + \text{NADP}^+ + \text{H}_2\text{O} = \text{L-ornithine} + \text{pyruvate} + \text{NADPH} + \text{H}^+$

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.