

D-nopaline dehydrogenase

Cat. No. EXWM-1500

Lot. No. (See product label)

Introduction

Description

In the reverse direction, forms D-nopaline from L-arginine and D-ornaline from L-ornithine.

Synonyms

D-nopaline synthase; nopaline dehydrogenase; nopaline synthase; NOS; 2-N-(D-1,3-dicarboxypropyl)-L-arginine:NADP⁺ oxidoreductase (L-arginine-forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.1.19

CAS No.

64763-57-1

Reaction

$\text{N2-(D-1,3-dicarboxypropyl)-L-arginine} + \text{NADP}^+ + \text{H}_2\text{O} = \text{L-arginine} + 2\text{-oxoglutarate} + \text{NADPH} + \text{H}^+$

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.