

2-dehydropantolactone reductase

Cat. No. EXWM-0274

Lot. No. (See product label)

Introduction

Description

The enzyme participates in an alternative pathway for biosynthesis of (R)-pantothenate (vitamin B5). This entry covers enzymes whose stereo specificity for NADP+ is not known. cf. EC 1.1.1.168 2-dehydropantolactone reductase (Re-specific) and EC 1.1.1.214, 2-dehydropantolactone reductase (Si-specific).

Synonyms

2-oxopantoyl lactone reductase; 2-ketopantoyl lactone reductase; ketopantoyl lactone reductase; 2-dehydropantoyl-lactone reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.358

Reaction

(R)-pantolactone + NADP+ = 2-dehydropantolactone + 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.