

β-methylindole-3-pyruvate reductase

Cat. No. EXWM-0317

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Streptomyces griseus*, participates in the biosynthesis of indolmycin, an antibacterial drug that inhibits the bacterial tryptophan-tRNA ligase (EC 6.1.1.2).

Synonyms

ind2 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.397

Reaction

(2S,3R)-2-hydroxy-3-(indol-3-yl)butanoate + NAD⁺ = (R)-3-(indol-3-yl)-2-oxobutanoate + NADH + 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.