Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.