Creative Enzymes®

5'-hydroxyaverantin dehydrogenase

Cat. No. EXWM-0268

Lot. No. (See product label)

Introduction

Description	Isolated from the aflatoxin-producing mold Aspergillus parasiticus. Involved in aflatoxin biosynthesis. 5'-Oxoaverantin will spontaneously form averufin by intramolecular ketalisation. cf. EC 4.2.1.142, 5'-oxoaverantin cyclase.
Synonyms	HAVN dehydrogenase; adhA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.352
Reaction	(1) (1'S,5'S)-hydroxyaverantin + NAD+ = 5'-oxoaverantin + NADH + H+; (2) (1'S,5'R)-hydroxyaverantin + NAD+ = 5'-oxoaverantin + 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 ℃.