Creative Enzymes®

L-arabinose isomerase

Cat. No. EXWM-5475

Lot. No. (See product label)

Introduction

Description	Requires a divalent metal ion (the enzyme from the bacterium Escherichia coli prefers Mn2+). The enzyme binds the closed form of the sugar and catalyses ring opening to generate a form of open-chain conformation that facilitates the isomerization reaction, which proceeds via an ene-diol mechanism. The enzyme can also convert D-galactose to D-tagatose with lower efficiency.
Synonyms	L-arabinose ketol-isomerase; araA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.3.1.4
CAS No.	9023-80-7
Reaction	L-arabinose = L-ribulose
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 ℃.