Creative Enzymes®

3-carboxy-cis,cis-muconate cycloisomerase

Cat. No. EXWM-5621

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of isomerases, specifically intramolecular lyases. This enzyme participates in benzoate degradation via hydroxylation.
Synonyms	β-carboxymuconate lactonizing enzyme; 3-carboxymuconolactone hydrolase; 2-carboxy-2,5-dihydro-5-oxofuran-2-acetate lyase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.5.1.2
CAS No.	9075-77-8
Reaction	2-carboxy-2,5-dihydro-5-oxofuran-2-acetate = cis,cis-butadiene-1,2,4-tricarboxylate
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 ℃.