

## 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**  $\beta$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.