

## muconolactone $\Delta$ -isomerase

Cat. No. EXWM-5501

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of isomerases, specifically those intramolecular oxidoreductases transposing C=C bonds. This enzyme participates in benzoate degradation via hydroxylation.

**Synonyms** muconolactone isomerase; 5-oxo-4,5-dihydrofuran-2-acetate  $\Delta$ 3- $\Delta$ 2-isomerase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.3.3.4

**CAS No.** 37318-46-0

**Reaction** (+)-muconolactone = (4,5-dihydro-5-oxofuran-2-yl)-acetate

**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.