

## 4-(2-carboxyphenyl)-2-oxobut-3-enoate aldolase

Cat. No. EXWM-4871

Lot. No. (See product label)

### Introduction

**Description** Involved, with EC 1.13.11.38 (1-hydroxy-2-naphthoate 1,2-dioxygenase), in the metabolism of phenanthrene in bacteria.

**Synonyms** 2'-carboxybenzalpyruvate aldolase; (3E)-4-(2-carboxyphenyl)-2-oxobut-3-enoate 2-carboxybenzaldehyde-lyase; (3Z)-4-(2-carboxyphenyl)-2-oxobut-3-enoate 2-formylbenzoate-lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.1.2.34

**CAS No.** 86611-90-7

**Reaction** (3Z)-4-(2-carboxyphenyl)-2-oxobut-3-enoate + H<sub>2</sub>O = 2-formylbenzoate + pyruvate

**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.