Creative Enzymes®

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 + H2O = 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.