Creative Enzymes®

acetone carboxylase

Cat. No. EXWM-5817

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ and ATP. The enzyme from Xanthobacter sp. strain Py2 also carboxylates butan-2-one to 3-oxopentanoate.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.4.1.6
CAS No.	189258-15-9
Reaction	acetone + CO2 + ATP + 2 H2O = acetoacetate + AMP + 2 phosphate
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 ℃.