

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.