

acetylenedicarboxylate decarboxylase

Cat. No. EXWM-4826

Lot. No. (See product label)

Introduction

Description

The mechanism appears to involve hydration of the acetylene and decarboxylation of the oxaloacetic acid formed, although free oxaloacetate is not an intermediate. It is thus analogous to EC 4.2.1.27 (acetylenedicarboxylate hydratase) in its mechanism.

Synonyms

acetylenedicarboxylate hydratase; acetylenedicarboxylate hydrase;
acetylenedicarboxylate carboxy-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.1.1.78

CAS No.

72561-10-5

Reaction

acetylenedicarboxylate + H₂O = pyruvate + CO₂

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.