Creative Enzymes®

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 (acetylenecarboxylate 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.