

aminocyclopropanecarboxylate oxidase

Cat. No. EXWM-0962

Lot. No. (See product label)

Introduction

Description

A nonheme iron enzyme. Requires CO₂ for activity. In the enzyme from plants, the ethylene has signalling functions such as stimulation of fruit-ripening.

Synonyms

ACC oxidase; ethylene-forming enzyme

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.17.4

CAS No.

98668-53-2

Reaction

1-aminocyclopropane-1-carboxylate + ascorbate + O₂ = ethylene + cyanide + dehydroascorbate + CO₂ + 2 H₂O

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.