

phenacrylate decarboxylase

Cat. No. EXWM-4755

Lot. No. (See product label)

Introduction

Description

The enzyme, found in fungi, catalyses the decarboxylation of phenacrylic acids present in plant cell walls. It requires a prenylated flavin cofactor that is produced by EC 2.5.1.129, flavin prenyltransferase.

Synonyms

FDC1 (gene name); ferulic acid decarboxylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.1.1.102

Reaction

(1) 4-coumarate = 4-vinylphenol + CO₂; (2) trans-cinnamate = styrene + CO₂; (3) ferulate = 4-vinylguaiacol + 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.