

lignostilbene $\alpha\beta$ -dioxygenase

Cat. No. EXWM-0562

Lot. No. (See product label)

Introduction

Description

An iron protein. The enzyme catalyses oxidative cleavage of the interphenyl double bond in the synthetic substrate and lignin-derived stilbenes. It is responsible for the degradation of a diarylpropane-type structure in lignin.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.13.11.43

CAS No.

124834-28-2

Reaction

1,2-bis(4-hydroxy-3-methoxyphenyl)ethylene + O₂ = 2 vanillin

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.