Creative Enzymes®

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