abscisic-aldehyde oxidase

Cat. No. EXWM-1208

Lot. No. (See product label)

Introduction

Description	Acts on both (+)- and (-)-abscisic aldehyde. Involved in the abscisic-acid biosynthesis pathway in plants, along with EC 1.1.1.288, (xanthoxin dehydrogenase), EC 1.13.11.51 (9-cis-epoxycarotenoid dioxygenase) and EC 1.14.13.93 [(+)-abscisic acid 8'-hydroxylase]. While abscisic aldehyde is the best substrate, the enzyme also acts with indole-3-aldehyde, 1-naphthaldehyde and benzaldehyde as substrates, but more slowly.
Synonyms	abscisic aldehyde oxidase; AAO3; AOd; AOΔ

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.2.3.14
CAS No.	129204-36-0
Reaction	abscisic aldehyde + H2O + O2 = abscisate + H2O2
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 ℃.