

9-cis- β -carotene 9',10'-cleaving dioxygenase

Cat. No. EXWM-0588

Lot. No. (See product label)

Introduction

Description

Requires Fe²⁺. The enzyme participates in a pathway leading to biosynthesis of strigolactones, plant hormones involved in promotion of symbiotic associations known as arbuscular mycorrhiza.

Synonyms

CCD7 (gene name); MAX3 (gene name); NCED7 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.13.11.68

Reaction

9-cis- β -carotene + O₂ = 9-cis-10'-apo- β -carotenal + β -ionone

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.