Creative Enzymes®

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