

carotenoid 1,2-hydratase

Cat. No. EXWM-4972

Lot. No. (See product label)

Introduction

Description

In *Rubrivivax gelatinosus* and *Thiocapsa roseopersicina* both products are formed, whereas *Rhodobacter capsulatus* only gives 1-hydroxy-1,2-dihydrolycopene. Also acts on neurosporene giving 1-hydroxy-1,2-dihydroneurosporene with both organism but 1,1'-dihydroxy-1,1',2,2'-tetrahydroneurosporene only with *Rubrivivax gelatinosus*.

Synonyms

CrtC

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.131

Reaction

(1) 1-hydroxy-1,2-dihydrolycopene = lycopene + H₂O; (2) 1,1'-dihydroxy-1,1',2,2'-tetrahydrolycopene = 1-hydroxy-1,2-dihydrolycopene + H₂O

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.