

## torulene dioxygenase

Cat. No. EXWM-0578

Lot. No. (See product label)

### Introduction

#### Description

It is assumed that 3-methylbut-2-enal is formed. The enzyme cannot cleave the saturated 3',4'-bond of  $\gamma$ -carotene which implies that a 3',4'-double bond is necessary for this reaction.

#### Synonyms

CAO-2; CarT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.13.11.59

#### Reaction

torulene + O<sub>2</sub> = 4'-apo- $\beta,\psi$ -caroten-4'-al + 3-methylbut-2-enal

#### 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.