

## tetrahydroberberine oxidase

Cat. No. EXWM-1382

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from Berberis sp. is a flavoprotein; that from Coptis japonica is not. (R)-Tetrahydroberberines are not oxidized.

#### Synonyms

(S)-THB oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.3.3.8

#### CAS No.

114705-00-9

#### Reaction

(S)-tetrahydroberberine + 2 O<sub>2</sub> = berberine + 2 H<sub>2</sub>O<sub>2</sub>

#### 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.