

## berberine reductase

Cat. No. EXWM-1513

Lot. No. (See product label)

### Introduction

#### Description

Involved in alkaloid biosynthesis in *Corydalis cava* to give (R)-canadine with the opposite configuration to the precursor of berberine (see EC 1.3.3.8 tetrahydroberberine oxidase). Also acts on 7,8-dihydroberberine.

#### Synonyms

(R)-canadine synthase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.5.1.31

#### Reaction

(R)-canadine + 2 NADP<sup>+</sup> = berberine + 2 NADPH + H<sup>+</sup>

#### 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.