

## bursehernin 5'-monooxygenase

Cat. No. EXWM-0815

Lot. No. (See product label)

### Introduction

#### Description

This cytochrome P450 enzyme, characterized from the plant Sinopodophyllum hexandrum, is involved in the biosynthetic pathway of podophyllotoxin, a non-alkaloid toxin lignan whose derivatives are important anticancer drugs.

#### Synonyms

CYP71CU1 (gene name); bursehernin 5'-hydroxylase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.13.213

#### Reaction

(-)-bursehernin + NADPH + H<sup>+</sup> + O<sub>2</sub> = (-)-5'-demethyleatein + NADP<sup>+</sup> + H<sub>2</sub>O

#### 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.