

## taxane 13 $\alpha$ -hydroxylase

Cat. No. EXWM-0884

Lot. No. (See product label)

### Introduction

#### Description

This cytochrome-P-450-dependent enzyme is involved in the biosynthesis of the diterpenoid antineoplastic drug taxol (paclitaxel).

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.13.77

#### CAS No.

399030-58-1

#### Reaction

taxa-4(20),11-dien-5 $\alpha$ -ol + NADPH + H<sup>+</sup> + O<sub>2</sub> = taxa-4(20),11-dien-5 $\alpha$ ,13 $\alpha$ -diol + 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.