

## 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**  $\text{taxa-4(20),11-dien-5}\alpha\text{-ol} + \text{NADPH} + \text{H}^+ + \text{O}_2 = \text{taxa-4(20),11-dien-5}\alpha,13\alpha\text{-diol} + \text{NADP}^+ + \text{H}_2\text{O}$

**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.