

taxane 10 β -hydroxylase

Cat. No. EXWM-0883

Lot. No. (See product label)

Introduction

Description

This microsomal 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 1.14.13.76

CAS No.

337514-75-7

Reaction

taxa-4(20),11-dien-5 α -yl acetate + NADPH + H⁺ + O₂ = 10 β -hydroxytaxa-4(20),11-dien-5 α -yl acetate + NADP⁺ + H₂O

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.