

## progesterone 11 $\alpha$ -monooxygenase

Cat. No. EXWM-1034

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of oxidoreductases, specifically those acting on paired donors, with O<sub>2</sub> as oxidant and incorporation or reduction of oxygen. The oxygen incorporated need not be derive from O<sub>2</sub> miscellaneous. This enzyme participates in c21-steroid hormone metabolism.

**Synonyms** progesterone 11 $\alpha$ -hydroxylase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.99.14

**CAS No.** 37256-77-2

**Reaction** progesterone + AH<sub>2</sub> + O<sub>2</sub> = 11 $\alpha$ -hydroxyprogesterone + A + 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.