

## 3 $\alpha$ -hydroxy-5 $\beta$ -androstane-17-one 3 $\alpha$ -dehydrogenase

Cat. No. EXWM-0057

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. This enzyme participates in androgen and estrogen metabolism.

#### Synonyms

etiocholanolone 3 $\alpha$ -dehydrogenase; etiocholanolone 3 $\alpha$ -dehydrogenase; 3 $\alpha$ -hydroxy-5 $\beta$ -steroid dehydrogenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.152

#### CAS No.

37250-77-4

#### Reaction

3 $\alpha$ -hydroxy-5 $\beta$ -androstane-17-one + NAD<sup>+</sup> = 5 $\beta$ -androstane-3,17-dione + NADH + H<sup>+</sup>

#### 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.