Creative Enzymes®

estradiol 17α-dehydrogenase

Cat. No. EXWM-0052

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+ or NADP+ as acceptor. This enzyme participates in androgen and estrogen metabolism.
Synonyms	17α-estradiol dehydrogenase; 17α-hydroxy steroid dehydrogenase; 17α-hydroxy steroid oxidoreductase; 17α-hydroxysteroid oxidoreductase; estradiol 17α-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.148
CAS No.	9044-91-1
Reaction	estradiol-17α + NAD(P)+ = estrone + NAD(P)H + H+
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.