

3 β -hydroxysteroid 3-dehydrogenase

Cat. No. EXWM-0177

Lot. No. (See product label)

Introduction

Description

The enzyme acts on multiple 3 β -hydroxysteroids. Participates in the biosynthesis of zosterol and cholesterol, where it catalyses the reaction in the opposite direction to that shown. The mammalian enzyme is bifunctional and also catalyses EC 1.1.1.62, 17 β -estradiol 17-dehydrogenase.

Synonyms

3-keto-steroid reductase; 3-KSR; HSD17B7 (gene name); ERG27 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.270

CAS No.

42616-29-5

Reaction

a 3 β -hydroxysteroid + NADP⁺ = a 3-oxosteroid + NADPH + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.