

3-oxo-5 α -steroid 4-dehydrogenase (acceptor)

Cat. No. EXWM-1439

Lot. No. (See product label)

Introduction

Description

A flavoprotein. This bacterial enzyme, characterized from *Comamonas testosteroni*, is involved in androsterone degradation. cf. EC 1.3.1.22, 3-oxo-5 α -steroid 4-dehydrogenase (NADP+).

Synonyms

steroid 5 α -reductase; 3-oxosteroid Δ 4-dehydrogenase; 3-oxo-5 α -steroid Δ 4-dehydrogenase; steroid Δ 4-5 α -reductase; Δ 4-3-keto steroid 5 α -reductase; Δ 4-3-oxo steroid reductase; Δ 4-3-ketosteroid 5 α -oxidoreductase; Δ 4-3-oxosteroid-5 α -reductase; 3-keto- Δ 4-steroid-5 α -reductase; 5 α -reductase; testosterone 5 α -reductase; 4-ene-3-ketosteroid-5 α -oxidoreductase; Δ 4-5 α -dehydrogenase; 3-oxo-5 α -steroid:(acceptor) Δ 4-oxidoreductase; tesI (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.99.5

CAS No.

9036-43-5

Reaction

a 3-oxo-5 α -steroid + acceptor = a 3-oxo- Δ 4-steroid + reduced acceptor

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.