

3 α -hydroxysteroid 3-dehydrogenase (Si-specific)

Cat. No. EXWM-0335

Lot. No. (See product label)

Introduction

Description

The enzyme acts on androsterone and other 3 α -hydroxysteroids and on 9-, 11- and 15-hydroxyprostaglandin. Si-specific with respect to NAD⁺ or NADP⁺. cf. EC 1.1.1.213, 3 α -hydroxysteroid 3-dehydrogenase (Re-specific).

Synonyms

hydroxyprostaglandin dehydrogenase; 3 α -hydroxysteroid oxidoreductase; stereognost 3 α ; 3 α -hydroxysteroid dehydrogenase (B-specific); 3 α -hydroxysteroid 3-dehydrogenase (B-specific); 3 α -hydroxysteroid:NAD(P)⁺ 3-oxidoreductase (B-specific)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.50

CAS No.

9028-56-2

Reaction

a 3 α -hydroxysteroid + NAD(P)⁺ = a 3-oxosteroid + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.