

12 α -hydroxysteroid dehydrogenase

Cat. No. EXWM-0079

Lot. No. (See product label)

Introduction

Description

Catalyses the oxidation of the 12 α -hydroxy group of bile acids, both in their free and conjugated form. Also acts on bile alcohols.

Synonyms

12 α -hydroxy steroid dehydrogenase; NAD⁺-dependent 12 α -hydroxysteroid dehydrogenase; NADP⁺-12 α -hydroxysteroid dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.176

CAS No.

61642-40-8

Reaction

cholate + NADP⁺ = 3 α ,7 α -dihydroxy-12-oxo-5 β -cholan-24-oate + 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.