

3 α -hydroxycholanate dehydrogenase (NADP+)

Cat. No. EXWM-0312

Lot. No. (See product label)

Introduction

Description

This bacterial enzyme is involved in the modification of secondary bile acids to form 3 β -bile acids (also known as iso-bile acids) via a 3-oxo intermediate. The enzyme catalyses a reversible reaction in vitro. Also acts on related bile acids. cf. EC 1.1.1.52, 3 α -hydroxycholanate dehydrogenase (NAD+).

Synonyms

α -hydroxy-cholanate dehydrogenase (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.392

CAS No.

9028-57-3

Reaction

lithocholate + NADP+ = 3-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.