

3 α -hydroxy bile acid-CoA-ester 3-dehydrogenase

Cat. No. EXWM-0315

Lot. No. (See product label)

Introduction

Description

This bacterial enzyme is involved in the 7-dehydroxylation process associated with bile acid degradation. The enzyme has very little activity with unconjugated bile acid substrates. It has similar activity with choloyl-CoA, chenodeoxycholoyl-CoA, deoxycholoyl-CoA, and lithocholoyl-CoA.

Synonyms

baiA1 (gene name); baiA2 (gene name); baiA3 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.395

Reaction

a 3 α -hydroxy bile acid CoA ester + NAD⁺ = a 3-oxo bile acid CoA ester + NADH + 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.