

bile-acid 7 α -dehydratase

Cat. No. EXWM-4945

Lot. No. (See product label)

Introduction

Description

This enzyme, characterized from the gut bacterium *Clostridium scindens* (previously known as *Eubacterium* sp. strain VPI 12708), participates in the 7-dehydroxylation process associated with bile acid degradation.

Synonyms

baiE (gene name); 7 α ,12 α -dihydroxy-3-oxochol-4-enoate hydro-lyase; 7 α ,12 α -dihydroxy-3-oxochol-4-enoate hydro-lyase (12 α -hydroxy-3-oxochola-4,6-dienoate-forming); BA7 α dehydratase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.106

Reaction

7 α ,12 α -dihydroxy-3-oxochol-4-en-24-o-yl-CoA = 12 α -hydroxy-3-oxochola-4,6-dien-24-o-yl-CoA + H₂O

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.