Creative Enzymes®

bile-acid 7α-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); 7α,12α-dihydroxy-3-oxochol-4-enoate hydro-lyase; 7α,12α-dihydroxy-3-oxochol-4-enoate hydro-lyase (12α-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	7α,12α-dihydroxy-3-oxochol-4-en-24-oyl-CoA = 12α-hydroxy-3-oxochola-4,6-dien-24-oyl-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.