Creative Enzymes®

3α,7α,12α-trihydroxy-5β-cholest-24-enoyl-CoA hydratase

Cat. No. EXWM-4946

Lot. No. (See product label)

Introduction

Description	This enzyme forms part of the rat peroxisomal multifunctional enzyme perMFE-2, which also exhibits a dehydrogenase activity. The enzyme is involved in the β-oxidation of the cholesterol side chain in the cholic-acid-biosynthesis pathway.
Synonyms	46 kDa hydratase 2; (24R,25R)-3α,7α,12α,24-tetrahydroxy-5β-cholestanoyl-CoA hydro-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.107
CAS No.	152787-68-3
Reaction	(24R,25R)-3α,7α,12α,24-tetrahydroxy-5β-cholestanoyl-CoA = (24E)-3α,7α,12α-trihydroxy-5β-cholest-24-enoyl-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 ℃.