

3 α ,7 α ,12 α -trihydroxy-5 β -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)-3 α ,7 α ,12 α ,24-tetrahydroxy-5 β -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)-3 α ,7 α ,12 α ,24-tetrahydroxy-5 β -cholestanoyl-CoA = (24E)-3 α ,7 α ,12 α -trihydroxy-5 β -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.