

dodecanoyl-[acyl-carrier-protein] hydrolase

Cat. No. EXWM-3556

Lot. No. (See product label)

Introduction

Description

Acts on the acyl-carrier-protein thioester of C12 and, with a much lower activity, C14 fatty acids. The derivative of oleic acid is hydrolysed very slowly (cf. EC 3.1.2.14, oleoyl-[acyl-carrier-protein] hydrolase).

Synonyms

lauryl-acyl-carrier-protein hydrolase; dodecanoyl-acyl-carrier-protein hydrolase; dodecyl-acyl-carrier protein hydrolase; dodecanoyl-[acyl-carrier protein] hydrolase; dodecanoyl-[acyl-carrier-protein] hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.2.21

CAS No.

137903-37-8

Reaction

a dodecanoyl-[acyl-carrier protein] + H₂O = an [acyl-carrier protein] + dodecanoate

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.