Creative Enzymes®

3-oxocholest-4-en-26-oate-CoA ligase

Cat. No. EXWM-5701

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from actinobacterium Mycobacterium tuberculosis, catalyses a step in the degradation of cholesterol. It is responsible for the activation of the C8 side chain. 3β-hydroxycholest-5-en-26-oate can also be used as substrate.
Synonyms	fadD19 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.2.1.42
Reaction	ATP + (25S)-3-oxocholest-4-en-26-oate + CoA = AMP + diphosphate + (25S)-3-oxocholest-4-en-26-oyl-CoA
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 ℃.