

## 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. 3 $\beta$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.