

## 3-oxoacyl-[acyl-carrier-protein] reductase

Cat. No. EXWM-0003

Lot. No. (See product label)

### Introduction

#### Description

Exhibits a marked preference for acyl-carrier-protein derivatives over CoA derivatives as substrates.

#### Synonyms

β-ketoacyl-[acyl-carrier protein](ACP) reductase; β-ketoacyl acyl carrier protein (ACP) reductase; β-ketoacyl reductase; β-ketoacyl thioester reductase; β-ketoacyl-ACP reductase; β-ketoacyl-acyl carrier protein reductase; 3-ketoacyl acyl carrier protein reductase; NADPH-specific 3-oxoacyl-[acylcarrier protein]reductase; 3-oxoacyl-[ACP]reductase; (3R)-3-hydroxyacyl-[acyl-carrier-protein]:NADP+ oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.100

#### CAS No.

37250-34-3

#### Reaction

a (3R)-3-hydroxyacyl-[acyl-carrier protein] + NADP+ = a 3-oxoacyl-[acyl-carrier protein] + NADPH + H+

#### 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.