

## (R)-3-hydroxyacid-ester dehydrogenase

Cat. No. EXWM-0186

Lot. No. (See product label)

### Introduction

#### Description

Also acts on ethyl (R)-3-oxobutanoate and some other (R)-3-hydroxy acid esters. The (R)- symbol is allotted on the assumption that no substituents change the order of priority from O-3 > C-2 > C-4. A subunit of yeast fatty acid synthase EC 2.3.1.86 fatty-acyl-CoA synthase). cf. EC 1.1.1.280 (S)-3-hydroxyacid ester dehydrogenase.

#### Synonyms

3-oxo ester (R)-reductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.279

#### CAS No.

114705-02-1

#### Reaction

ethyl (R)-3-hydroxyhexanoate + NADP+ = ethyl 3-oxohexanoate + 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.