

## acetyl-CoA C-acetyltransferase

Cat. No. EXWM-2271

Lot. No. (See product label)

### Introduction

#### Description

This enzyme participates in 10 metabolic pathways: fatty acid metabolism, synthesis and degradation of ketone bodies, valine, leucine and isoleucine degradation, lysine degradation, tryptophan metabolism, pyruvate metabolism, benzoate degradation via coa ligation, propanoate metabolism, butanoate metabolism, and two-component system-general.

#### Synonyms

acetoacetyl-CoA thiolase;  $\beta$ -acetoacetyl coenzyme A thiolase; 2-methylacetoacetyl-CoA thiolase [misleading]; 3-oxothiolase; acetyl coenzyme A thiolase; acetyl-CoA acetyltransferase; acetyl-CoA:N-acetyltransferase; thiolase II

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.1.9

#### CAS No.

9027-46-7

#### Reaction

$2 \text{ acetyl-CoA} = \text{CoA} + \text{acetoacetyl-CoA}$

#### 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.