

## 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.