

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; β -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.