

(R)-2-hydroxy-4-methylpentanoate CoA-transferase

Cat. No. EXWM-3420

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Peptoclostridium difficile*, participates in an L-leucine fermentation pathway. The reaction proceeds via formation of a covalent anhydride intermediate between a conserved aspartate residue and the acyl group of the CoA thioester substrate.

Synonyms

hadA (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.8.3.24

Reaction

4-methylpentanoyl-CoA + (R)-2-hydroxy-4-methylpentanoate = 4-methylpentanoate + (R)-2-hydroxy-4-methylpentanoyl-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.