

## dihydroxy-acid dehydratase

Cat. No. EXWM-5073

Lot. No. (See product label)

### Introduction

**Description** This enzyme participates in valine, leucine and isoleucine biosynthesis and pantothenate and coenzyme A (CoA) biosynthesis.

**Synonyms** acetohydroxyacid dehydratase;  $\alpha,\beta$ -dihydroxyacid dehydratase; 2,3-dihydroxyisovalerate dehydratase;  $\alpha,\beta$ -dihydroxyisovalerate dehydratase; dihydroxy acid dehydrase; DHAD; 2,3-dihydroxy-acid hydro-lyase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.1.9

**CAS No.** 9024-32-2

**Reaction** 2,3-dihydroxy-3-methylbutanoate = 3-methyl-2-oxobutanoate + H<sub>2</sub>O

**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.