Creative Enzymes®

# dihydroxy-acid dehydratase

*Cat. No. EXWM-5073*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | This enzyme participates in valine, leucine and isoleucine biosynthesis and pantothenate and coenzyme A (CoA) biosynthesis. |
| ***Synonyms*** | acetohydroxyacid dehydratase; α,β-dihydroxyacid dehydratase; 2,3-dihydroxyisovalerate dehydratase; α,β-dihydroxyisovalerate dehydratase; dihydroxy acid dehydrase; DHAD; 2,3-dihydroxy-acid hydro-lyase |

## Product Information

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| ***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 + H2O |
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |