Creative Enzymes®

# 2-keto-myo-inositol isomerase

*Cat. No. EXWM-5509*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Requires a divalent metal ion for activity. Mn2+, Fe2+ and Co2+ can be used. The enzyme, found in the bacterium Bacillus subtilis, is part of the myo-inositol/D-chiro-inositol degradation pathway leading to acetyl-CoA. |
| ***Synonyms*** | IolI; inosose isomerase; 2KMI isomerase. |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 5.3.99.11 |
| ***Reaction*** | 2,4,6/3,5-pentahydroxycyclohexanone = 2D-2,3,5/4,6-pentahydroxycyclohexanone |
| ***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 ℃. |