

## 2-keto-myo-inositol isomerase

Cat. No. EXWM-5509

Lot. No. (See product label)

### Introduction

**Description** Requires a divalent metal ion for activity.  $Mn^{2+}$ ,  $Fe^{2+}$  and  $Co^{2+}$  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** Ioll; inosose isomerase; 2KMI isomerase.

### Product Information

**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

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