

## aldose 1-epimerase

Cat. No. EXWM-5416

Lot. No. (See product label)

### Introduction

**Description** Also acts on L-arabinose, D-xylose, D-galactose, maltose and lactose. This enzyme catalyses the first step in galactose metabolism by converting  $\beta$ -D-galactose into  $\alpha$ -D-galactose, which is the substrate for EC 2.7.1.6, galactokinase.

**Synonyms** mutarotase; aldose mutarotase; galactose mutarotase; galactose 1-epimerase; D-galactose 1-epimerase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.1.3.3

**CAS No.** 9031-76-9

**Reaction**  $\alpha$ -D-glucose =  $\beta$ -D-glucose

**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.