

## D-lactate dehydratase

Cat. No. EXWM-4971

Lot. No. (See product label)

### Introduction

#### Description

The enzyme converts methylglyoxal to D-lactate in a single glutathione (GSH)-independent step. The other known route for this conversion is the two-step GSH-dependent pathway catalysed by EC 4.4.1.5 (lactoylglutathione lyase) and EC 3.1.2.6 (hydroxyacylglutathione hydrolase).

#### Synonyms

glyoxylase III

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.1.130

#### Reaction

(R)-lactate = methylglyoxal + 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.