

## 1,4-lactonase

Cat. No. EXWM-3450

Lot. No. (See product label)

### Introduction

**Description** The enzyme is specific for 1,4-lactones with 4-8 carbon atoms. It does not hydrolyse simple aliphatic esters, acetylcholine, sugar lactones or substituted aliphatic lactones, e.g. 3-hydroxy-4-butyrolactone; requires Ca<sup>2+</sup>.

**Synonyms** γ-lactonase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.1.1.25

**CAS No.** 37278-38-9

**Reaction** a 1,4-lactone + H<sub>2</sub>O = a 4-hydroxyacid

**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.