

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 Ca²⁺.

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 + H₂O = 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.