

3D-(3,5/4)-trihydroxycyclohexane-1,2-dione acylhydrolase (ring-opening)

Cat. No. EXWM-4730

Lot. No. (See product label)

Introduction

Description

The enzyme, found in the bacterium *Bacillus subtilis*, is part of the myo-inositol degradation pathway leading to acetyl-CoA.

Synonyms

IoID; THcHDO hydrolase; 3D-3,5/4-trihydroxycyclohexa-1,2-dione hydrolase (decyclizing); 3D-(3,5/4)-trihydroxycyclohexane-1,2-dione acylhydrolase (decyclizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.7.1.22

Reaction

3D-3,5/4-trihydroxycyclohexa-1,2-dione + H₂O = 5-deoxy-D-glucuronate

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.