Creative Enzymes®

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	IolD; 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.