

maleylpyruvate hydrolase

Cat. No. EXWM-4731

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Pseudomonas alcaligenes* NCIMB 9867, catalyses the hydrolysis of 3-maleylpyruvate, the ring-cleavage product of gentisate. The enzyme can also act on a number of maleylpyruvate derivatives, such as (2E)-2-methyl-4,6-dioxohept-2-enedioate and (2E)-3-methyl-4,6-dioxohept-2-enedioate. Activated by Mn^{2+} . May be identical to EC 3.7.1.5, acylpyruvate hydrolase.

Synonyms

hbzF (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.7.1.23

Reaction

3-maleylpyruvate + H₂O = maleate + pyruvate

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.