Creative Enzymes®

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 Mn2+. 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.