

phosphonopyruvate hydrolase

Cat. No. EXWM-3776

Lot. No. (See product label)

Introduction

Description Highly specific for phosphonopyruvate as substrate. The reaction is not inhibited by phosphate but is inhibited by the phosphonates phosphonoformic acid, hydroxymethylphosphonic acid and 3-phosphonopropanoic acid. The enzyme is activated by the divalent cations Co^{2+} , Mg^{2+} and Mn^{2+} . This enzyme is a member of the phosphoenolpyruvate mutase/isocitrate lyase superfamily.

Synonyms PPH

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.11.1.3

Reaction 3-phosphonopyruvate + H_2O = pyruvate + phosphate

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 $+4\text{ }^\circ\text{C}$ for short term. For long term storage, store it at $-20\text{ }^\circ\text{C}$ ~ $-80\text{ }^\circ\text{C}$.