

4-phytase

Cat. No. EXWM-3629

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, specifically those acting on phosphoric monoester bonds. The systematic name of this enzyme class is myo-inositol-hexakisphosphate 6-phosphohydrolase. Other names in common use include 6-phytase (name based on 1L-numbering system and not 1D-numbering), phytase, and phytate 6-phosphatase. This enzyme participates in inositol phosphate metabolism.

Synonyms

6-phytase (name based on 1L-numbering system and not 1D-numbering); phytase; phytate 6-phosphatase; myo-inositol-hexakisphosphate 6-phosphohydrolase (name based on 1L-numbering system and not 1D-numbering)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.3.26

CAS No.

9001-89-2

Reaction

myo-inositol hexakisphosphate + H₂O = 1D-myo-inositol 1,2,3,5,6-pentakisphosphate + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.