

Native *Gliocladium roseum* Glycerophosphocholine phosphodiesterase

Cat. No. DIA-153

Lot. No. (See product label)

Introduction

Description

In enzymology, a glycerophosphocholine phosphodiesterase (EC 3.1.4.2) is an enzyme that catalyzes the chemical reaction: sn-glycero-3-phosphocholine + H₂O ↔ choline + sn-glycerol 3-phosphate. Thus, the two substrates of this enzyme are sn-glycero-3-phosphocholine and H₂O, whereas its two products are choline and sn-glycerol 3-phosphate.

Synonyms

glycerophosphocholine phosphodiesterase; EC 3.1.4.2; sn-glycero-3-phosphocholine glycerophosphohydrolase; glycerophosphinicocholine diesterase; glycerylphosphorylcholinediesterase; sn-glycero-3-phosphorylcholine diesterase; glycerolphosphorylcholine phosphodiesterase; glycerophosphohydrolase

Product Information

Source

Gliocladium roseum

Appearance

White to brownish powder

Form

Freeze dried powder

EC Number

EC 3.1.4.2

CAS No.

9025-85-8

Activity

> 10.0 U/mg

pH Stability

7.0-9.0 (75°C, 60 mins)

Optimum pH

8.5-9.5

Thermal stability

Stable at 50°C and below (pH 8.0, 10 mins)

Storage and Shipping Information

Storage

Store in tightly closed containers, desiccated, protected from light, at -20°C.