

1,2- α -glucosylglycerol phosphorylase

Cat. No. EXWM-2570

Lot. No. (See product label)

Introduction

Description

The enzyme has been isolated from the bacterium *Bacillus selenitireducens*. In the absence of glycerol the enzyme produces α -D-glucopyranose and phosphate from β -D-glucopyranose 1-phosphate. In this reaction the glucosyl residue is transferred to a water molecule with an inversion of the anomeric conformation.

Synonyms

2-O- α -D-glucopyranosylglycerol phosphorylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.332

Reaction

2-O- α -D-glucopyranosyl-glycerol + phosphate = β -D-glucose 1-phosphate + glycerol

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.