

6-phosphogluconolactonase

Cat. No. EXWM-3457

Lot. No. (See product label)

Introduction

Description

6-Phosphogluconolactonase (6PGL, PGLS) is a cytosolic enzyme found in all organisms that catalyzes the hydrolysis of 6-phosphogluconolactone to 6-phosphogluconic acid in the oxidative phase of the pentose phosphate pathway.

Synonyms

phosphogluconolactonase; 6-PGL

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.1.31

CAS No.

37278-45-8

Reaction

6-phospho-D-glucono-1,5-lactone + H₂O = 6-phospho-D-gluconate

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.