

phosphoramidate-hexose phosphotransferase

Cat. No. EXWM-3093

Lot. No. (See product label)

Introduction

Description

Activity is observed with several hexoses; of these glucose is the best substrate and the product from it is α -D-glucose 1-phosphate. The phosphoramidate donor can be replaced by N-phosphoglycine and by an N-phosphohistidine. May be identical with EC 3.1.3.9 glucose-6-phosphatase.

Synonyms

phosphoramidate-hexose transphosphorylase; phosphoramidic-hexose transphosphorylase; phosphoramidate:hexose 1-phosphotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.62

CAS No.

9031-45-2

Reaction

phosphoramidate + D-hexose = NH_3 + α -D-hexose 1-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.