

5-dehydro-2-deoxygluconokinase

Cat. No. EXWM-3122

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:5-dehydro-2-deoxy-D-gluconate 6-phosphotransferase. Other names in common use include 5-keto-2-deoxygluconokinase, 5-keto-2-deoxyglucono kinase (phosphorylating), and DKH kinase. This enzyme participates in inositol metabolism.

Synonyms

5-keto-2-deoxygluconokinase; 5-keto-2-deoxyglucono kinase (phosphorylating); DKH kinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.92

CAS No.

62213-35-8

Reaction

ATP + 5-dehydro-2-deoxy-D-gluconate = ADP + 6-phospho-5-dehydro-2-deoxy-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.