Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.