Creative Enzymes®

2-dehydro-3-deoxygalactonokinase

Cat. No. EXWM-3088

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:2-dehydro-3-deoxy-D-galactonate 6-phosphotransferase. Other names in common use include 2-keto-3-deoxygalactonokinase, 2-keto-3-deoxygalactonate kinase (phosphorylating), and 2-oxo-3-deoxygalactonate kinase. This enzyme participates in galactose metabolism.
Synonyms	2-keto-3-deoxygalactonokinase; 2-keto-3-deoxygalactonate kinase (phosphorylating); 2-oxo-3-deoxygalactonate kinase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.58
CAS No.	37278-05-0
Reaction	ATP + 2-dehydro-3-deoxy-D-galactonate = ADP + 2-dehydro-3-deoxy-6-phospho-D-galactonate
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 ℃.