

rhamnulokinase

Cat. No. EXWM-3080

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:L-rhamnulose 1-phosphotransferase. Other names in common use include RhuK, rhamnulokinase (phosphorylating), L-rhamnulokinase, L-rhamnulose kinase, and rhamnulose kinase. This enzyme participates in pentose and glucuronate interconversions and fructose and mannose metabolism.

Synonyms

RhuK; rhamnulokinase (phosphorylating); L-rhamnulokinase; L-rhamnulose kinase; rhamnulose kinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.1.5

CAS No. 9030-52-8

Reaction $\text{ATP} + \text{L-rhamnulose} = \text{ADP} + \text{L-rhamnulose 1-phosphate}$

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.