

fucokinase

Cat. No. EXWM-3083

Lot. No. (See product label)

Introduction

Description

Requires a divalent cation for activity, with Mg²⁺ and Fe²⁺ giving rise to the highest enzyme activity. Forms part of a salvage pathway for reutilization of L-fucose. Can also phosphorylate D-arabinose, but more slowly.

Synonyms

fucokinase (phosphorylating); fucose kinase; L-fucose kinase; L-fucokinase; ATP:6-deoxy-L-galactose 1-phosphotransferase; ATP:L-fucose 1-phosphotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.52

CAS No.

37278-00-5

Reaction

ATP + L-fucose = ADP + β-L-fucose 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.