

inositol 3-kinase

Cat. No. EXWM-3095

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:myo-inositol 1-phosphotransferase. Other names in common use include inositol-1-kinase (phosphorylating), myoinositol kinase, and myo-inositol 1-kinase. This enzyme participates in inositol phosphate metabolism.

Synonyms inositol-1-kinase (phosphorylating); myoinositol kinase; myo-inositol 1-kinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.1.64

CAS No. 37278-07-2

Reaction $\text{ATP} + \text{myo-inositol} = \text{ADP} + \text{1D-myo-inositol 3-phosphate}$

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.