Creative Enzymes®

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	ATP + myo-inositol = ADP + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.