Creative Enzymes®

alkylglycerol kinase

Cat. No. EXWM-3123

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:1-O-alkyl-sn-glycerol 3-phosphotransferase. Other names in common use include 1-alkylglycerol kinase (phosphorylating), ATP-alkylglycerol phosphotransferase, alkylglycerol phosphotransferase, and ATP: 1-alkyl-sn-glycerol phosphotransferase. This enzyme participates in ether lipid metabolism.
Synonyms	1-alkylglycerol kinase (phosphorylating); ATP-alkylglycerol phosphotransferase; alkylglycerol phosphotransferase; ATP: 1-alkyl-sn-glycerol phosphotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.93
CAS No.	55354-37-5
Reaction	ATP + 1-O-alkyl-sn-glycerol = ADP + 1-O-alkyl-sn-glycerol 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 ℃.