

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 $\text{ATP} + 1\text{-O-alkyl-sn-glycerol} = \text{ADP} + 1\text{-O-alkyl-sn-glycerol 3-phosphate}$

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.