

diacylglycerol kinase (ATP)

Cat. No. EXWM-2953

Lot. No. (See product label)

Introduction

Description

Involved in synthesis of membrane phospholipids and the neutral lipid triacylglycerol. Activity is stimulated by certain phospholipids. In plants and animals the product 1,2-diacyl-sn-glycerol 3-phosphate is an important second messenger. cf. EC 2.7.1.174, diacylglycerol kinase (CTP).

Synonyms

diglyceride kinase (ambiguous); 1,2-diacylglycerol kinase (phosphorylating) (ambiguous); 1,2-diacylglycerol kinase (ambiguous); sn-1,2-diacylglycerol kinase (ambiguous); DG kinase (ambiguous); DGK (ambiguous); ATP:diacylglycerol phosphotransferase; arachidonoyl-specific diacylglycerol kinase; diacylglycerol:ATP kinase; ATP:1,2-diacylglycerol 3-phosphotransferase; diacylglycerol kinase (ATP dependent)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.107

CAS No.

60382-71-0

Reaction

ATP + 1,2-diacyl-sn-glycerol = ADP + 1,2-diacyl-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.