

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 $\text{ATP} + 1,2\text{-diacyl-sn-glycerol} = \text{ADP} + 1,2\text{-diacyl-sn-glycerol 3-phosphate}$

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.