Creative Enzymes®

1-alkyl-2-acetylglycerophosphocholine esterase

Cat. No. EXWM-3474

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, specifically those acting on carboxylic ester bonds. The systematic name of this enzyme class is 1-alkyl-2-acetyl-sn-glycero-3-phosphocholine acetohydrolase. Other names in common use include 1-alkyl-2-acetyl-sn-glycero-3-phosphocholine acetylhydrolase, and alkylacetyl-GPC:acetylhydrolase. This enzyme participates in ether lipid metabolism.
Synonyms	1-alkyl-2-acetyl-sn-glycero-3-phosphocholine acetylhydrolase; alkylacetyl-GPC:acetylhydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.1.47
CAS No.	76901-00-3
Reaction	1-alkyl-2-acetyl-sn-glycero-3-phosphocholine + H2O = 1-alkyl-sn-glycero-3-phosphocholine + acetate
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 ℃.