Creative Enzymes®

archaetidylinositol phosphate synthase

Cat. No. EXWM-3338

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ or Mn2+ for activity. The enzyme is involved in biosynthesis of archaetidyl-myo-inositol, a compound essential for glycolipid biosynthesis in archaea.
Synonyms	AIP synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.8.39
Reaction	CDP-2,3-bis-(O-phytanyl)-sn-glycerol + 1L-myo-inositol 1-phosphate = CMP + 1-archaetidyl-1D-myo-inositol 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 ℃.