

inositol-hexakisphosphate kinase

Cat. No. EXWM-3203

Lot. No. (See product label)

Introduction

Description

Three mammalian isoforms are known to exist.

Synonyms

ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; IP6K

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.4.21

CAS No.

176898-37-6

Reaction

(1) $\text{ATP} + 1\text{D-myo-inositol hexakisphosphate} = \text{ADP} + 1\text{D-myo-inositol 5-diphosphate 1,2,3,4,6-pentakisphosphate}$; (2) $\text{ATP} + 1\text{D-myo-inositol 1-diphosphate 2,3,4,5,6-pentakisphosphate} = \text{ADP} + 1\text{D-myo-inositol 1,5-bis(diphosphate) 2,3,4,6-tetrakisphosphate}$

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.