

D-myo-Inositol-1,3,4,6-tetrphosphate, ammonium salt

Cat. No. CSUB-0793

Lot. No. (See product label)

Introduction

Description

D-myo-Inositol-1,3,4,6-tetrphosphate, ammonium salt mostly acts an intermediate, serving as substrate for inositol-1,3,4,6-tetrphosphate 5-kinase to produce inositol-1,3,4,5,6-pentaphosphate, or inositol-1,3,4,6-tetrphosphate 2-kinase to give inositol-1,2,3,4,6-pentaphosphate. It can be further phosphorylated to produce inositol-1,2,3,4,5,6-hexakisphosphate, or phytic acid, which serves diverse roles in eukaryotic tissues.

Applications

A useful intermediate

Synonyms

myo-Inositol 1,3,4,6-tetrakis-phosphate ammonium salt;

Product Information

Form

Solid

CAS No.

142507-74-2

Molecular Formula

C₆H₁₂O₁₈P₄•4NH₄

Molecular Weight

568.2

Purity

>95%

Storage and Shipping Information

Storage

Store at -20° C