Creative Enzymes®

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

Cat. No. CSUB-0793

Lot. No. (See product label)

Introduction

Description	D-myo-Inositol-1,3,4,6-tetraphosphate, ammonium salt mostly acts an intermediate, serving as substrate for inositol-1,3,4,6-tetraphosphate 5-kinase to produce inositol-1,3,4,5,6-pentaphosphate, or inositol-1,3,4,6-tetraphosphate 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