

## 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 as 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

<b>Form</b>	Solid
<b>CAS No.</b>	142507-74-2
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>18</sub> P <sub>4</sub> •4NH <sub>4</sub>
<b>Molecular Weight</b>	568.2
<b>Purity</b>	>95%

### Storage and Shipping Information

**Storage** Store at -20° C