

2-pyrone-4,6-dicarboxylate lactonase

Cat. No. EXWM-3485

Lot. No. (See product label)

Introduction

Description

The product is most likely the keto-form of 4-oxalomesaconate (as shown in the reaction). It can be converted to the enol-form, 4-hydroxybuta-1,3-diene-1,2,4-trioate, either spontaneously or by EC 5.3.2.8, 4-oxalomesaconate tautomerase.

Synonyms

2-pyrone-4,6-dicarboxylate hydrolase; 2-pyrone-4,6-dicarboxylate lactonohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.1.57

CAS No.

84177-55-9

Reaction

2-oxo-2H-pyran-4,6-dicarboxylate + H₂O = (1E)-4-oxobut-1-ene-1,2,4-tricarboxylate

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.