

4-oxalomesaconate hydratase

Cat. No. EXWM-5068

Lot. No. (See product label)

Introduction

Description This enzyme participates in the degradation of protocatechuate (via the meta-cleavage pathway), syringate and gallate, catalysing the reaction in the opposite direction. It accepts the enol-form of 4-oxalomesaconate, 2-hydroxy-4-carboxy-hexa-2,4-dienedioate.

Synonyms 4-oxalomesaconate hydratase; 4-carboxy-2-oxohexenedioate hydratase; 4-carboxy-2-oxobutane-1,2,4-tricarboxylate 2,3-hydro-lyase; oxalomesaconate hydratase; gamma-oxalomesaconate hydratase; 2-hydroxy-4-oxobutane-1,2,4-tricarboxylate 2,3-hydro-lyase; LigJ; GalB

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.1.83

CAS No. 85204-95-1

Reaction 2-hydroxy-4-oxobutane-1,2,4-tricarboxylate = (1E,3E)-4-hydroxybuta-1,3-diene-1,2,4-tricarboxylate + H₂O

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.