

5-dehydro-4-deoxyglucarate dehydratase

Cat. No. EXWM-5030

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of lyases, specifically the hydro-lyases, which cleave carbon-oxygen bonds. This enzyme participates in ascorbate and aldarate metabolism.

Synonyms

5-keto-4-deoxy-glucarate dehydratase; 5-keto-4-deoxy-glucarate dehydratase; deoxyketoglucarate dehydratase; D-4-deoxy-5-ketoglucarate hydro-lyase; 5-dehydro-4-deoxy-D-glucarate hydro-lyase (decarboxylating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.41

CAS No.

37290-77-0

Reaction

5-dehydro-4-deoxy-D-glucarate = 2,5-dioxopentanoate + H₂O + CO₂

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.