

3-dehydroquinate dehydratase

Cat. No. EXWM-4939

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 phenylalanine, tyrosine and tryptophan biosynthesis.

Synonyms

3-dehydroquinate hydrolase; DHQase; dehydroquinate dehydratase; 3-dehydroquinase; 5-dehydroquinase; dehydroquinase; 5-dehydroquinate dehydratase; 5-dehydroquinate hydro-lyase; 3-dehydroquinate hydro-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.10

CAS No.

9012-66-2

Reaction

3-dehydroquinate = 3-dehydroshikimate + 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.