Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.