

imidazoleglycerol-phosphate dehydratase

Cat. No. EXWM-5012

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 histidine metabolism as it is involved in the 6th step of histidine biosynthesis as part of a nine step cyclical pathway.

Synonyms IGP dehydratase; D-erythro-1-(imidazol-4-yl)glycerol 3-phosphate hydro-lyase

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.1.19

CAS No. 9024-35-5

Reaction D-erythro-1-(imidazol-4-yl)glycerol 3-phosphate = 3-(imidazol-4-yl)-2-oxopropyl phosphate + 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.