Creative Enzymes®

dihydroxyfumarate decarboxylase

Cat. No. EXWM-4800

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of lyases, specifically the carboxy-lyases, which cleave carbon-carbon bonds. This enzyme is also called dihydroxyfumarate carboxy-lyase. This enzyme participates in glyoxylate and dicarboxylate metabolism.
Synonyms	dihydroxyfumarate carboxy-lyase; dihydroxyfumarate carboxy-lyase (tartronate-semialdehyde-forming)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.54
CAS No.	37289-51-3
Reaction	dihydroxyfumarate = 2-hydroxy-3-oxopropanoate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.