Creative Enzymes®

2-hydroxyethylphosphonate methyltransferase

Cat. No. EXWM-1916

Lot. No. (See product label)

Introduction

Description	Requires cobalamin. The enzyme, isolated from the bacterium Streptomyces wedmorensis, is a member of the 'AdoMet radical' (radical SAM) family. Involved in fosfomycin biosynthesis.
Synonyms	Fom3

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.308
Reaction	S-adenosyl-L-methionine + methylcob(III)alamin + 2-hydroxyethylphosphonate = 5'-deoxyadenosine + L-methionine + cob(III)alamin + (2S)-2-hydroxypropylphosphonate
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 ℃.