Creative Enzymes®

betaine-homocysteine S-methyltransferase

Cat. No. EXWM-1953

Lot. No. (See product label)

Introduction

Description	In the field of enzymology, a betaine-homocysteine S-methyltransferase also known as betaine-homocysteine methyltransferase (BHMT) is a zinc metallo-enzyme that catalyzes the transfer of a methyl group from trimethylglycine and a hydrogen ion from homocysteine to produce dimethylglycine and methionine respectively.
Synonyms	betaine-homocysteine methyltransferase; betaine-homocysteine transmethylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.5
CAS No.	9029-78-1
Reaction	betaine + L-homocysteine = dimethylglycine + L-methionine
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 ℃.