Creative Enzymes®

glycine N-methyltransferase

Cat. No. EXWM-1800

Lot. No. (See product label)

Introduction

Description	This enzyme is thought to play an important role in the regulation of methyl group metabolism in the liver and pancreas by regulating the ratio between S-adenosyl-L-methionine and S-adenosyl-L-homocysteine. It is inhibited by 5-methyltetrahydrofolate pentaglutamate. Sarcosine, which has no physiological role, is converted back into glycine by the action of EC 1.5.8.3, sarcosine dehydrogenase.
Synonyms	glycine methyltransferase; S-adenosyl-L-methionine:glycine methyltransferase; GNMT

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.20
CAS No.	37228-72-1
Reaction	S-adenosyl-L-methionine + glycine = S-adenosyl-L-homocysteine + sarcosine
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 ℃.