Creative Enzymes®

phosphatidylethanolamine N-methyltransferase

Cat. No. EXWM-1767

Lot. No. (See product label)

Introduction

Description	Phosphatidylethanolamine N-methyltransferase (abbreviated PEMT) is a transferase enzyme (EC 2.1.1.17) which converts phosphatidylethanolamine (PE) to phosphatidylcholine (PC) in the liver. In humans it is encoded by the PEMT gene within the Smith-Magenis syndrome region on chromosome 17.
Synonyms	PEMT; LMTase; lipid methyl transferase; phosphatidylethanolamine methyltransferase; phosphatidylethanolamine-N-methylase; phosphatidylethanolamine-S-adenosylmethionine methyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.17
CAS No.	37256-91-0
Reaction	S-adenosyl-L-methionine + phosphatidylethanolamine = S-adenosyl-L-homocysteine + phosphatidyl-N-methylethanolamine
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 ℃.