

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.