Creative Enzymes®

cobalt-precorrin-6B (C15)-methyltransferase [decarboxylating]

Cat. No. EXWM-1795

Lot. No. (See product label)

Introduction

Description	This enzyme catalyses both methylation at C-15 and decarboxylation of the C-12 acetate side chain of cobalt-precorrin-6B, a step in the anaerobic (early cobalt insertion) adenosylcobalamin biosynthesis pathway.
Synonyms	cbiT (gene name); S-adenosyl-L-methionine:precorrin-7 C15-methyltransferase (C-12-decarboxylating); cobalt-precorrin-7 (C15)-methyltransferase [decarboxylating]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.196
Reaction	cobalt-precorrin-6B + S-adenosyl-L-methionine = cobalt-precorrin-7 + S-adenosyl-L-homocysteine + CO2
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 ℃.