Creative Enzymes®

erythromycin 3''-O-methyltransferase

Cat. No. EXWM-1858

Lot. No. (See product label)

Introduction

Description	The enzyme methylates the 3 position of the mycarosyl moiety of erythromycin C, forming the most active form of the antibiotic, erythromycin A. It can also methylate the precursor erythromycin D, forming erythromycin B, which is then converted to erythromycin A by EC 1.14.13.154, erythromycin 12 hydroxylase.
Synonyms	EryG

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.254
Reaction	(1) S-adenosyl-L-methionine + erythromycin C = S-adenosyl-L-homocysteine + erythromycin A; (2) S-adenosyl-L-methionine + erythromycin D = S-adenosyl-L-homocysteine + erythromycin B
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 ℃.