Creative Enzymes®

23S rRNA (adenine2085-N6)-dimethyltransferase

Cat. No. EXWM-1783

Lot. No. (See product label)

Introduction

Description	ErmC is a methyltransferase that confers resistance to the macrolide-lincosamide-streptogramin B group of antibiotics by catalysing the methylation of 23S rRNA at adenine2085.
Synonyms	ErmC' methyltransferase; ermC methylase;ermC 23S rRNA methyltransferase; rRNA:m6A methyltransferase ErmC'; ErmC'; rRNA methyltransferase ErmC'

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.184
Reaction	2 S-adenosyl-L-methionine + adenine2085 in 23S rRNA = 2 S-adenosyl-L-homocysteine + N6-dimethyladenine2085 in 23S rRNA
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 ℃.