

23S rRNA (cytidine1920-2'-O)-methyltransferase

Cat. No. EXWM-1829

Lot. No. (See product label)

Introduction

Description

The bifunctional enzyme from *Mycobacterium tuberculosis* 2'-O-methylates cytidine1920 in helix 69 of 23S rRNA and cytidine1409 in helix 44 of 16S rRNA (cf. EC 2.1.1.227, 16S rRNA (cytidine1409-2'-O)-methyltransferase). These methylations result in increased susceptibility to the antibiotics capreomycin and viomycin.

Synonyms

TlyA (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.226

Reaction

S-adenosyl-L-methionine + cytidine1920 in 23S rRNA = S-adenosyl-L-homocysteine + 2'-O-methylcytidine1920 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.