

mitomycin 6-O-methyltransferase

Cat. No. EXWM-1924

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Streptomyces lavendulae*, is involved in the biosynthesis of the quinone-containing antibiotics mitomycin A and mitomycin B.

Synonyms

MmcR; mitomycin 7-O-methyltransferase (incorrect); S-adenosyl-L-methionine:7-demethylmitomycin-A 7-O-methyltransferase (incorrect)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.316

Reaction

(1) S-adenosyl-L-methionine + 6-demethylmitomycin A = S-adenosyl-L-homocysteine + mitomycin A; (2) S-adenosyl-L-methionine + 6-demethylmitomycin B = S-adenosyl-L-homocysteine + mitomycin 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.