Creative Enzymes®

macrocin O-methyltransferase

Cat. No. EXWM-1699

Lot. No. (See product label)

Introduction

Description	Requires Mg2+, Mn2+ or Co2+. The 3-hydroxy group of the 2-O-methyl-6-deoxy-D-allose moiety in the macrolide antibiotic macrosin acts as methyl acceptor, generating tylosin, another macrolide antibiotic. Isolated from the bacterium Streptomyces fradiae. Not identical with EC 2.1.1.102, demethylmacrocin O-methyltransferase.
Synonyms	macrocin methyltransferase; S-adenosyl-L-methionine-macrocin O-methyltransferase; MOMT (ambiguous); tylF (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.101
CAS No.	79468-52-3
Reaction	S-adenosyl-L-methionine + macrocin = S-adenosyl-L-homocysteine + tylosin
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 ℃.