Creative Enzymes®

demethylmacrocin O-methyltransferase

Cat. No. EXWM-1700

Lot. No. (See product label)

Introduction

Description	Requires Mg2+. The enzyme, isolated from the bacterium Streptomyces fradiae, is involved in the biosynthesis of the macrolide antibiotic tylosin. The 2-hydroxy group of a 6-deoxy-D-allose moiety in demethylmacrocin acts as the methyl acceptor. Also acts on demethyllactenocin, giving lactenocin. Not identical with EC 2.1.1.101 macrocin O-methyltransferase.
Synonyms	demethylmacrocin methyltransferase; DMOMT

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.102
CAS No.	120313-64-6
Reaction	S-adenosyl-L-methionine + demethylmacrocin = S-adenosyl-L-homocysteine + macrocin
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 ℃.