

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 demethylactenocin, 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.