

carminomycin 4-O-methyltransferase

Cat. No. EXWM-1899

Lot. No. (See product label)

Introduction

Description

The enzymes from the Gram-positive bacteria *Streptomyces* sp. C5 and *Streptomyces peucetius* are involved in the biosynthesis of the anthracycline daunorubicin. In vitro the enzyme from *Streptomyces* sp. C5 also catalyses the 4-O-methylation of 13-dihydrocarminomycin, rhodomycin D and 10-carboxy-13-deoxycarminomycin.

Synonyms

DnrK; DauK

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.292

Reaction

S-adenosyl-L-methionine + carminomycin = S-adenosyl-L-homocysteine + daunorubicin

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.