Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.