Creative Enzymes®

demethylrebeccamycin-D-glucose O-methyltransferase

Cat. No. EXWM-1761

Lot. No. (See product label)

Introduction

Description	Catalyses the last step in the biosynthesis of rebeccamycin, an indolocarbazole alkaloid produced by the bacterium Lechevalieria aerocolonigenes. The enzyme is able to use a wide variety substrates, tolerating variation on the imide heterocycle, deoxygenation of the sugar moiety, and even indolocarbazole glycoside anomers. The enzyme is a member of the general acid/base-dependent O-methyltransferase family.
Synonyms	RebM

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.164
Reaction	4'-demethylrebeccamycin + S-adenosyl-L-methionine = rebeccamycin + S-adenosyl-L-homocysteine
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 ℃.