

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