Creative Enzymes®

4'-demethylrebeccamycin synthase

Cat. No. EXWM-5306

Lot. No. (See product label)

Introduction

Description	This enzyme catalyses a step in the biosynthesis of rebeccamycin, an indolocarbazole alkaloid produced by the bacterium Lechevalieria aerocolonigenes. The enzyme is a glycosylase, and acts in the reverse direction to that shown. It has a wide substrate range, and was shown to glycosylate several substrates, including the staurosporine aglycone, EJG-III-108A, J-104303, 6-N-methyl-arcyriaflavin C and indolo-[2,3-a]-carbazole.
Synonyms	arcyriaflavin A N-glycosyltransferase; RebG

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.3.3.5
Reaction	4'-O-demethylrebeccamycin + H2O = dichloro-arcyriaflavin A + β-D-glucose
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 ℃.