

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