Creative Enzymes®

tryprostatin B synthase

Cat. No. EXWM-2722

Lot. No. (See product label)

Introduction

Description	The enzyme from the fungus Aspergillus fumigatus can also prenylate other tryptophan-containing cyclic dipeptides. Prenylation occurs mainly at C-2, but also at C-3. Involved in the biosynthetic pathways of several indole alkaloids such as tryprostatins, cyclotryprostatins, spirotryprostatins, fumitremorgins and verruculogen.
Synonyms	ftmPT1 (gene name); brevianamide F prenyltransferase (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.106
Reaction	dimethylallyl diphosphate + brevianamide F = diphosphate + tryprostatin B
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 ℃.