Creative Enzymes®

cyclopeptine synthase

Cat. No. EXWM-5758

Lot. No. (See product label)

Introduction

Description	Cyclopeptine synthase is the key enzyme of benzodiazepine alkaloid biosynthesis in the fungus Penicillium cyclopium. The enzyme is a non-ribosomal peptide synthase.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.2.40
Reaction	2 ATP + S-adenosyl-L-methionine + anthranilate + L-phenylalanine = cyclopeptine + 2 AMP + 2 diphosphate + 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 ℃.