

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 $2 \text{ ATP} + \text{S-adenosyl-L-methionine} + \text{anthranilate} + \text{L-phenylalanine} = \text{cyclopeptine} + 2 \text{ AMP} + 2 \text{ diphosphate} + \text{S-adenosyl-L-homocysteine}$

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.