

fumitremorgin C synthase

Cat. No. EXWM-1021

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). The protein from the fungus *Aspergillus fumigatus* also has activity with tryprostatin B forming demethoxyfumitremorgin C. Involved in the biosynthetic pathways of several indole alkaloids such as fumitremorgins and verruculogen.

Synonyms

ftmE (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.21.10

Reaction

tryprostatin A + NADPH + H⁺ + O₂ = fumitremorgin C + NADP⁺ + 2 H₂O

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.