Creative Enzymes®

noranthrone synthase

Cat. No. EXWM-2168

Lot. No. (See product label)

Introduction

Description	A multi-domain polyketide synthase involved in the synthesis of aflatoxins in the fungus Aspergillus parasiticus. The hexanoyl starter unit is provided to the acyl-carrier protein (ACP) domain by a dedicated fungal fatty acid synthase.
Synonyms	polyketide synthase A (ambiguous); PksA (ambiguous); norsolorinic acid anthrone synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.221
Reaction	7 malonyl-CoA + hexanoyl-[acyl-carrier protein] = 7 CoA + norsolorinic acid anthrone + [acyl-carrier protein] + 7 CO2 + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.