

## 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**  $7 \text{ malonyl-CoA} + \text{hexanoyl-[acyl-carrier protein]} = 7 \text{ CoA} + \text{norsolorinic acid anthrone} + [\text{acyl-carrier protein}] + 7 \text{ CO}_2 + 2 \text{ H}_2\text{O}$

**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.