

aflatoxin B synthase

Cat. No. EXWM-0773

Lot. No. (See product label)

Introduction

Description A heme-thiolate (P-450) enzyme. Isolated from the mold *Aspergillus parasiticus*.

Synonyms ordA (gene name); 8-O-methylsterigmatocystin,NADPH:O₂ oxidoreductase (aflatoxin-B forming)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.13.175

Reaction (1) 8-O-methylsterigmatocystin + 2 NADPH + 2 H⁺ + 2 O₂ = aflatoxin B1 + 2 NADP⁺ + H₂O + methanol + CO₂; (2) 8-O-methyldihydrosterigmatocystin + 2 NADPH + 2 H⁺ + 2 O₂ = aflatoxin B2 + 2 NADP⁺ + H₂O + methanol + CO₂

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.