

pentalenolactone synthase

Cat. No. EXWM-1015

Lot. No. (See product label)

Introduction

Description A heme-thiolate protein (P-450). Isolated from the bacteria *Streptomyces exfoliatus* and *Streptomyces arenae*.

Synonyms penM (gene name); pntM (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.19.8

Reaction pentalenolactone F + O₂ + 2 reduced ferredoxin + 2 H⁺ = pentalenolactone + 2 oxidized ferredoxin + 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.