Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.