

pentalenic acid synthase

Cat. No. EXWM-0936

Lot. No. (See product label)

Introduction

Description

A heme-thiolate enzyme (P-450). Isolated from the bacterium *Streptomyces avermitilis*. The product, pentalenate, is a co-metabolite from pentalenolactone biosynthesis.

Synonyms

CYP105D7; sav7469 (gene name); 1-deoxypentalenate, reduced ferredoxin:O₂ oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.15.11

Reaction

1-deoxypentalenate + reduced ferredoxin + O₂ = pentalenate + oxidized ferredoxin + 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.