Creative Enzymes®

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