Creative Enzymes®

C-19 steroid 1α-hydroxylase

Cat. No. EXWM-0944

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Sorangium cellulosum, is a class I cytochrome P-450, and uses ferredoxin as its electron donor. It was shown to act on several C-19 steroid substrates, including testosterone, androstenedione, testosterone-acetate and 11-oxoandrostenedione.
Synonyms	CYP260A1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.15.19
Reaction	testosterone + 2 reduced ferredoxin [iron-sulfur] cluster + O2 + 2 H+ = 1α-hydroxytestosterone + H2O + 2 oxidized ferredoxin [iron-sulfur] cluster
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 ℃.