steroid 15β-monooxygenase

Cat. No. EXWM-0951

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Bacillus megaterium hydroxylates a variety of 3-oxo-Δ4-steroids in position 15β. Ring A-reduced, aromatic, and 3β-hydroxy-Δ4-steroids do not serve as substrates.
Synonyms	cytochrome P-450meg; cytochrome P450meg; steroid 15β-hydroxylase; CYP106A2; BmCYP106A2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.15.8
Reaction	progesterone + 2 reduced [2Fe-2S] ferredoxin + O2 = 15β-hydroxyprogesterone + 2 oxidized [2Fe-2S] 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 ℃.