

steroid 15 β -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- Δ^4 -steroids in position 15 β . Ring A-reduced, aromatic, and 3 β -hydroxy- Δ^4 -steroids do not serve as substrates.

Synonyms cytochrome P-450meg; cytochrome P450meg; steroid 15 β -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 = 15 β -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.