Creative Enzymes®

steroid 11β-monooxygenase

Cat. No. EXWM-0947

Lot. No. (See product label)

Introduction

Description	A heme-thiolate protein (P-450). Also hydroxylates steroids at the 18-position, and converts 18-hydroxycorticosterone into aldosterone.
Synonyms	steroid 11β-hydroxylase; steroid 11β/18-hydroxylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.15.4
CAS No.	9029-66-7
Reaction	a steroid + 2 reduced adrenodoxin + O2 + 2 H+ = an 11β-hydroxysteroid + 2 oxidized adrenodoxin + 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 ℃.