Creative Enzymes®

3,4-dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-dione 4,5-dioxygenase

Cat. No. EXWM-0544

Lot. No. (See product label)

Introduction

Description	Requires Fe2+. Also acts on 3-isopropylcatechol and 3-tert-butyl-5-methylcatechol.
Synonyms	steroid 4,5-dioxygenase; 3-alkylcatechol 2,3-dioxygenase; 3,4-dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-dione:oxygen 4,5-oxidoreductase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.13.11.25
CAS No.	37256-63-6
Reaction	3,4-dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-dione + O2 = 3-hydroxy-5,9,17-trioxo-4,5:9,10-disecoandrosta-1(10),2-dien-4-oate
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 ℃.