Creative Enzymes®

4,5:9,10-diseco-3-hydroxy-5,9,17-trioxoandrosta-1(10),2-diene-4-oate hydrolase

Cat. No. EXWM-4724

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the bacterial degradation of the steroid ring structure, and is involved in degradation of multiple steroids, such as testosterone, cholesterol, and sitosterol.
Synonyms	tesD (gene name); hsaD (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.7.1.17
Reaction	(1E,2Z)-3-hydroxy-5,9,17-trioxo-4,5:9,10-disecoandrosta-1(10),2-dien-4-oate + H2O = 3-[(3aS,4S,7aS)-7a-methyl-1,5-dioxo-octahydro-1H-inden-4-yl]propanoate + (2Z,4Z)-2-hydroxyhexa-2,4-dienoate
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 ℃.