

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.