

petromyzonol sulfotransferase

Cat. No. EXWM-3391

Lot. No. (See product label)

Introduction

Description

The enzyme from the lamprey *Petromyzon marinus* can also use the corresponding 3-ketone as a substrate. It is stereoselective (5 α -cholane) and regioselective, exhibiting a preference for an hydroxy group at C-24. The enzyme is inactive when allocholic acid, which has a carboxy group at C-24, is used as a substrate.

Synonyms

PZ-SULT

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.8.2.31

Reaction

3'-phosphoadenylyl sulfate + 5 α -cholan-3 α ,7 α ,12 α ,24-tetrol = adenosine 3',5'-bisphosphate + 5 α -cholan-3 α ,7 α ,12 α -triol 24-sulfate

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.