Creative Enzymes®

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 (5α-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 + 5α-cholan-3α,7α,12α,24-tetrol = adenosine 3',5'-bisphosphate + 5α-cholan-3α,7α,12α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.