Creative Enzymes®

12α-hydroxysteroid dehydrogenase

Cat. No. EXWM-0079

Lot. No. (See product label)

Introduction

Description	Catalyses the oxidation of the 12α-hydroxy group of bile acids, both in their free and conjugated form. Also acts on bile alcohols.
Synonyms	12α-hydroxy steroid dehydrogenase; NAD+-dependent 12α-hydroxysteroid dehydrogenase; NADP+-12α-hydroxysteroid dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.176
CAS No.	61642-40-8
Reaction	cholate + NADP+ = 3α,7α-dihydroxy-12-oxo-5β-cholan-24-oate + NADPH + H+
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 ℃.