

3 α ,7 α -dihydroxy-5 β -cholestanate-CoA ligase

Cat. No. EXWM-5686

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of ligases, specifically those forming carbon-sulfur bonds as acid-thiol ligases. This enzyme participates in bile acid biosynthesis.

Synonyms 3 α ,7 α -dihydroxy-5 β -cholestanoyl coenzyme A synthetase; DHCA-CoA ligase; 3 α ,7 α -dihydroxy-5 β -cholestanate:CoA ligase (AMP-forming)

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.2.1.28

CAS No. 118732-03-9

Reaction ATP + (25R)-3 α ,7 α -dihydroxy-5 β -cholestan-26-oate + CoA = AMP + diphosphate + (25R)-3 α ,7 α -dihydroxy-5 β -cholestanoyl-CoA

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.