

dihydromonacolin L-[lovastatin nonaketide synthase] thioesterase

Cat. No. EXWM-3565

Lot. No. (See product label)

Introduction

Description

Dihydromonacolin L acid is synthesized while bound to an acyl-carrier protein domain of the lovastatin nonaketide synthase (EC 2.3.1.161). Since that enzyme lacks a thioesterase domain, release of the dihydromonacolin L acid moiety from the polyketide synthase requires this dedicated enzyme.

Synonyms

LovG

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.2.31

Reaction

dihydromonacolin L-[lovastatin nonaketide synthase] + H₂O = holo-[lovastatin nonaketide synthase] + dihydromonacolin L acid

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.