

## 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] + H<sub>2</sub>O = 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.