

## Simvastatin

Cat. No. CEI-0529

Lot. No. (See product label)

### Introduction

**Description** A synthetic analog of Lovastatin. Cholesterol lowering drug and a competitive inhibitor of HMG-CoA (3-hydroxy-3-methylglutaryl coenzyme A) reductase. Inhibits the biosynthesis of isoprenoids and prevents small G protein activation.

**Synonyms** MK-733; Synvinolin

### Product Information

**Appearance** Off-white solid

**CAS No.** 79902-63-9

**Molecular Formula**  $C_{25}H_{38}O_5$

**Molecular Weight** 519.67

**Purity** ≥95% by HPLC

**Targets** HMG-CoA

**Solubility** DMSO or EtOH

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack