

## Lovastatin

Cat. No. CEI-0528

Lot. No. (See product label)

### Introduction

#### Description

A cholesterol lowering drug and a competitive inhibitor of HMG-CoA (3-hydroxy-3-methylglutaryl coenzyme A) reductase, a rate limiting enzyme in cholesterol synthesis. Blocks the production of mevalonate, a critical compound in the production of cholesterol and isoprenoids.

#### Synonyms

Mevinolin; Mevacor; Monacolin K; 6- $\alpha$ -Methylcompactin; MK-803

### Product Information

<b>Appearance</b>	Beige solid
<b>CAS No.</b>	75330-75-5
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>36</sub> O <sub>5</sub>
<b>Molecular Weight</b>	347.39
<b>Purity</b>	>98%
<b>Targets</b>	HMG-CoA
<b>Solubility</b>	DMSO (50 mM)

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack