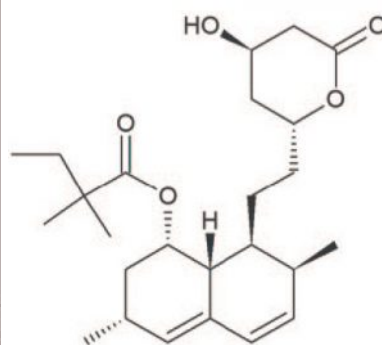
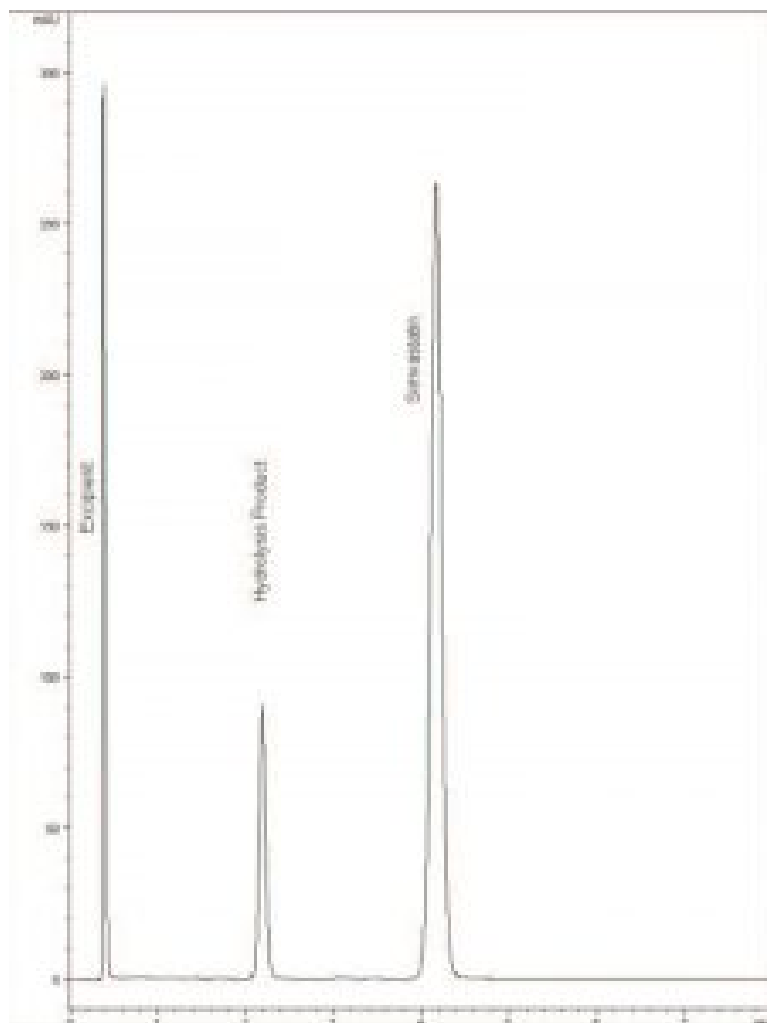


## Simvastatin Analyzed with HPLC – AppNote

### Excellent Peak Shape and Resolution

This Method is easy to prepare, use and reproduce. Good Peak shape and Resolution is observed for Simvastatin from its hydrolysis products and tablet Excipients.



#### Peaks:

1. Excipient
2. Hydrolysis Product
3. Simvastatin

### Method Conditions

**Column:** Cogent Bidentate C18™, 4μm, 100Å

**Catalog No.:** 40018-75P

**Dimensions:** 4.6 x 75mm

**Mobile Phase:** 52% DI Water / 60% Acetonitrile / 10mM Sodium Phosphate

**Temperature:** 30°C

**Flow rate:** 1.5mL / minute

**Detection:** UV @ 238nm

**Injection vol.:** 10µL

**Notes:** Simvastatin is marketed under the trade names Zocor, Simvastatin, Simlup, Simcard and others. It is a hypolipidemic drug belonging to the class of pharmaceuticals called "statins". It is used to control hypercholesterolemia (elevated cholesterol levels) and to prevent cardiovascular disease. Simvastatin is a synthetic derivate of a fermentation product of *Aspergillus Terreus*.



## Attachment

**No 83 Simvastatin Analyzed with HPLC pdf** 0.1 Mb [Download File](#)

Printed from the Chrom Resource Center

**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)

Date: 04-05-2024