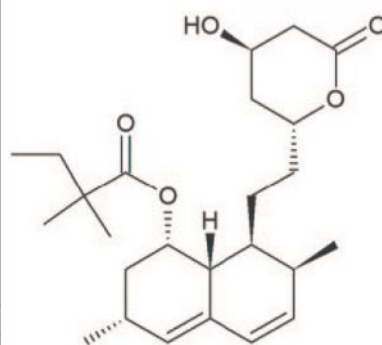
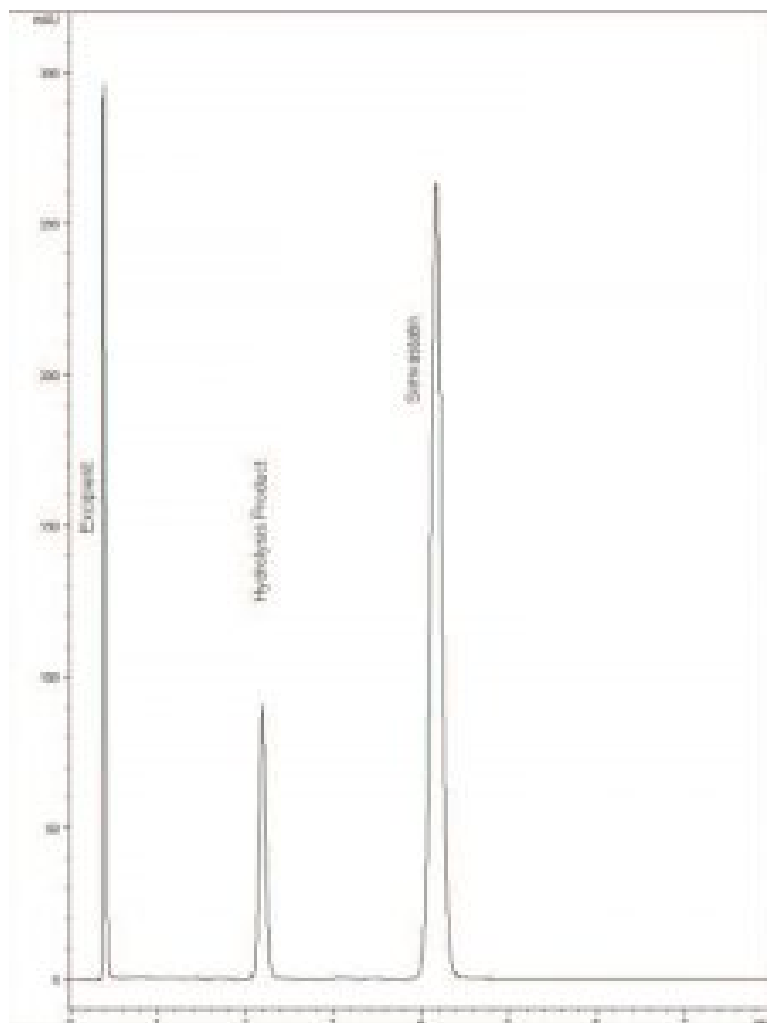


Simvastatin Analyzed with HPLC – AppNote

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](#)