Simvastatin

ALTERNATE NAME: MK-733; Synvinolin

CATALOG #: 1693-50 50 mg
       1693-250 250 mg

STRUCTURE:

MOLECULAR FORMULA: C_{25}H_{38}O_{5}
MOLECULAR WEIGHT: 418.57
CAS NUMBER: 79902-63-9
APPEARANCE: White solid
SOLUBILITY: DMSO (25 mg/ml) or Ethanol (30 mg/ml)
PURITY: >98% by HPLC
STORAGE: Store at -20°C.
DESCRIPTION: A synthetic analog of Lovastatin (Cat. No. 1692-50, 250). 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.
REFERENCES: Merck Index 14, 8539

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:
- Lovastatin (Cat. No.1692-50, 250)
- Mevastatin (Cat. No. 1694-50, 250)