Mevastatin

ALTERNATE NAME: Compactin; ML-236B

CATALOG #: 1694-50  50 mg
1694-250  250 mg

STRUCTURE:

MOLECULAR FORMULA: \( C_{23}H_{34}O_5 \)
MOLECULAR WEIGHT: 390.51
CAS NUMBER: 73573-88-3

APPEARANCE: White solid

SOLUBILITY: DMSO (20 mg/ml) or Ethanol (25 mg/ml)

PURITY: >95% by HPLC

STORAGE: Store at -20°C.

DESCRIPTION: HMG-CoA (3-hydroxy-3-methylglutaryl coenzyme A) reductase inhibitor. Cholesterol lowering drug. Inhibits the biosynthesis of isoprenoids; induces apoptosis by inhibition of post-translational prenylation of proteins such as Ras.

REFERENCES: Merk Index 14, 6164

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 in humans.

RELATED PRODUCTS:
- Lovastatin (Cat. No. 1692-50, 250)
- Simvastatin (Cat. No. 1693-50, 250)