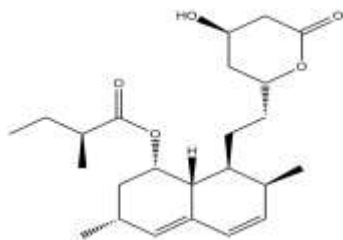


Lovastatin

ALTERNATE NAME Mevinolin; Mevacor; Monacolin K; 6- α -Methylcompactin; MK-803

CATALOG #: 1692-50 50 mg
1692-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₃₆O₅

MOLECULAR WEIGHT: 404.54

CAS NUMBER: 75330-75-5

APPEARANCE: White solid

SOLUBILITY: DMSO (25 mg/ml) or Ethanol (30 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at -20°C.

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.

REFERENCES: *Merk Index* 14, 5586

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:

- Simvastatin (Cat. No. 1693-50, 250)
- Mevastatin (Cat. No. 1694-50, 250)