Lovastatin

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

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

STRUCTURE:

MOLECULAR FORMULA:  
C_{24}H_{36}O_{5}

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)