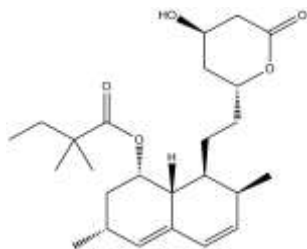


Simvastatin

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: *Merk 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)