Lovastatin

HMG-CoA reductase inhibitor

Inhibits cholesterol/isoprenoid biosynthesis by inhibition of HMG-CoA reductase (K_i for acid form is 1nM) and blocks protein isoprenylation and reduces plasma cholesterol levels in humans. Causes cells to arrest early in the G1 phase. Induces apoptosis in cancer cells.

Citations: 13 View Online »

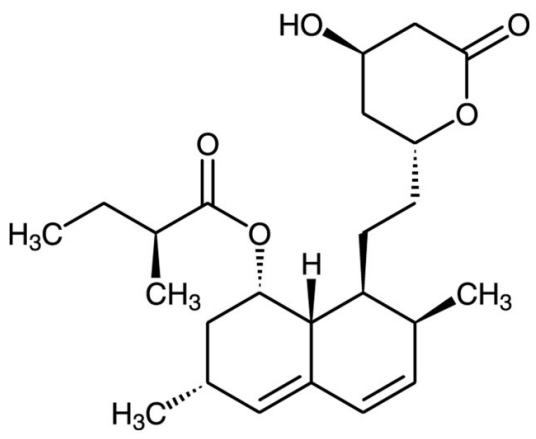
Ordering Information

Order Online »

BML-G226-0010	10mg

Manuals, SDS & CofA

View Online »


HO
O
O
O
O
H
H3C
CH3
CH3
H3C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Mevinolin, 6-α-Methylcompactin
Appearance	White solid.
CAS	75330-75-5
Couple Target	HMG-CoA reductase
Couple Type	Inhibitor
Formula	$C_{24}H_{36}O_5$
MI	**14:** 5586
MW	404.6
Solubility	Soluble in DMSO (>25mg/ml) or 100% ethanol (>35mg/ml); insoluble in water.

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