Lovastatin . sodium salt

Active in whole cells as well as cell-free assays

Active carboxylate form of Lovastatin (Prod. No. BML-G226). Active in whole cells as well as cell-free assays. Inhibits cholesterol/ isoprenoid biosynthesis by inhibition of HMG-CoA reductase (Ki for acid form is 1 nM) and blocks protein isoprenylation and reduces plasma cholesterol levels in humans. Causes cells to arrest early in the G1 phase.

Citations: 4 View Online »

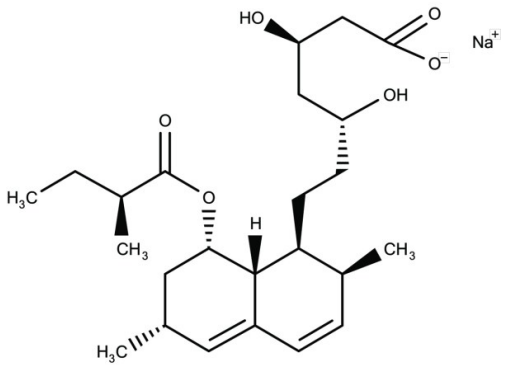
Ordering Information

Order Online »

BML-G245-0005	5mg

Manuals, SDS & CofA

View Online »


HO
O
O⁻
Na⁺
OH
O
H3C
O
CH3
H
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 . sodium salt, 6-α-Methylcompactin . sodium salt
Appearance	White solid.
CAS	75225-50-2
Couple Target	HMG-CoA reductase
Couple Type	Inhibitor
Formula	$C_{24}H_{37}O_6$. Na
MI	**14:** 5586
MW	444.5
Purity	≥97% (HPLC)
Solubility	Soluble in DMSO (10mg/ml) or 100% ethanol (10mg/ml).

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