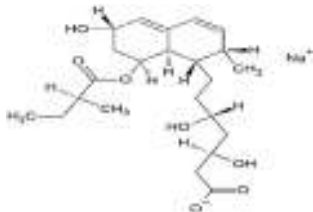


Pravastatin sodium

ALTERNATE NAME: 1S,2S,6S,7S,8R,8aR-hexahydro- β R, δ R,6-trihydroxy-2-methyl-8-[(2S)-2-methyl-1-oxobutoxy]-1-naphthaleneheptanoic acid, monosodium salt

CATALOG #: B2727-10 10 mg
B2727-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₃₅O₇ • Na

MOLECULAR WEIGHT: 446.51

CAS NUMBER: 81131-70-6

APPEARANCE: White solid

PURITY: \geq 98%

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: Pravastatin is a HMG-CoA (Hydroxymethylglutaryl-coenzyme A reductase) inhibitor that is a ring hydroxylated metabolite of mevastatin (Cat. No. 1694). It is a competitive inhibitor of HMG-CoA reductase with a Ki value of 2.3 nM for the active, open ring form of the molecule. Pravastatin is used to reduce LDL cholesterol and triglyceride levels and increase HDL cholesterol in the prevention of cardiovascular disease.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Rosuvastatin (1955)
Mevastatin (1694)
Simvastatin (1693)
Atorvastatin (2278)
Fluvastatin (B2366)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*