

Catalog	Unit
TBI2554-20MG	20mg
TBI2554-100MG	100mg

Product Details

Formal Name: (+/-)(3R*,5S*,6E)-7-[3-(4-Fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-6-heptenoic acid sodium salt

Molecular Formula: C₂₄H₂₅FNO₄ Na

Formula Weight: 466.45

CAS Number: 93957-55-2

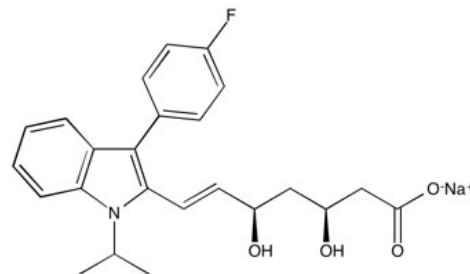
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Water (up to 10 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

HmgCoA reductase inhibitor

Functions

Potent inhibitor of HMG-CoA reductase, IC₅₀=40-100 nM. Clinically useful, orally active antihypercholesterolemic agent. Inhibits vascular smooth muscle proliferation, IC₅₀=70 nM. Displays antineuroinflammatory activity. Prevents lung adenocarcinoma bone metastasis by triggering autophagy. Attenuates cell proliferation in hepatocellular carcinoma.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Water (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 3 months.

For research use only.