
Cholesteryl Hemisuccinate

产品编号: D57222

CAS: 1510-21-0

分子式: C₃₁H₅₀O₄

纯度: 99.61%

InChi Key: InChiKey=WLNARFZDISHUGS-MIXBDBMTSA-N

Smiles: C[C@@]12[C@@]3([C@]([C@]4([C@](C)(CC3)[C@@]([C@@H](CCCC(C)C)(CC4)[H])[H])(CC=C1C[C@@H](OC(CCC(O)=O)=O)CC2)[H])[H]

外观: 固体粉末

作用通路: Apoptosis;Cell Cycle/Checkpoint;DNA Damage/DNA Repair

作用靶点: Apoptosis;DNA/RNA Synthesis;Topoisomerase

溶解性: Ethanol : 22.5 mg/mL (46.2 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Cholesteryl Hemisuccinate is a highly soluble cholesterol analogue often used in polar solutions for its hepatoprotective, anticancer and tumour growth inhibiting properties. Cholesteryl Hemisuccinate inhibits the hepatotoxicity of acetaminophen and prevents AAP-induced apoptosis and necrosis in hepatocytes. Cholesteryl Hemisuccinate inhibits DNA polymerase and DNA topoisomerase, thereby inhibiting DNA replication and repair as well as cell division.