
Hycanthone

产品编号: D58242

CAS: 3105-97-3

分子式: C₂₀H₂₄N₂O₂S

纯度: 98.78%

InChi Key: InChiKey=MFZWMTSUNYWVBU-UHFFFAOYSA-N

Smiles: CCN(CC)CCNc1ccc(CO)c(Sc2c3cccc2)c1C3=O

外观: 固体粉末

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

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

溶解性: DMSO: 18 mg/mL (50.49 mM; Need ultrasonic); H₂O: < 0.1 mg/mL (insoluble)

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

产品介绍: Hycanthone is a potent drug of antischistosomal. Hycanthone is a DNA intercalator that inhibits RNA synthesis and DNA topoisomerases I and II. Hycanthone inhibits nucleic acid biosynthesis and inhibits APE1 via direct protein binding(KD: 10 nM).