



(S)-10-Hydroxycamptothecin

Catalog No: #S08741

Package Size: #S08741-1 1 mL #S08741-2 10 mg #S08741-3 100 mg #S08741-4 25 mg #S08741-5 5 mg #S08741-6 50 mg #S08741-7 500 mg
 Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	(S)-10-Hydroxycamptothecin
Other Names	p53;PCNA;G2/M;c-Myc;Cell-cycle;10-HCPT;10-Hydroxycamptothecin;10-ηΥ ε 1ε ζ η±;10-ηΥ ε ζ η ±;(S)10Hydroxycamptothecin;(S) 10 Hydroxycamptothecin;Bcl-2;Bax;Apoptosis;arrest;antitumor;caspase-1/3r;Topoisomerase;Topo I
Calculated MW	364.35
Storage	Powder: -20°C for 3 years . In solvent: -80°C for 1 year . Shipping with blue ice.

Application Details

ε ε• εO• :C20H16N2O5Smile:O=C1N2C(C=3C(C2)=CC=4C(N3)=CC=C(O)C4)=CC5=C1COC(=O)[C@@]5(CC)ODMLE• ·:MFCD02093100η|—ε!|:99.48% ζ|Aθ\$εε!|:H2O:< 1 mg/mL (insoluble or slightly soluble);DMSO:20 mg/mL (54.89 mM);Ethanol:< 1 mg/mL (insoluble or slightly soluble)δ½ ε ζ'»ζ §:ε "BT-20η» θ οO IC50=34.3 nMoO ε MDA-231η» θ οO IC50=7.27 nMoO δE-, (S)-10-Hydroxycamptothecinζ ε Αη» θ η ι Ωγ ε "pBR322θ"η² DNAδE-οO EC50=0.35ΞOMοO , (S)-10-Hydroxycamptothecinζ ζ θ—±ε—Oη δ'Ιζ ζ εO ζ ι Αδ» ε—Oη ζ θ\$εη|»ε • ε• η ©η ε½ζ • γ ε "δ'ΙεΥ θ' η 'ε η η» θ οO HMECoO δE-, (S)-10-Hydroxycamptothecinθ ½ε ε ι • δΥ• θ" ζ §η ζ ε Αη» θ η ι ΩοO IC50=0.31 ΞOMοO ,ζ Υη• ζ ε ΑHMECη θΩ• η\$»οO IC50=0.63 ΞOMοO ,ζ ε Αθ' η 'ε½ζ • οO IC50=0.96 ΞOMοO γ δ½ ε ζ'»ζ §:ε "CAMζ"ε δE-,10-HydroxycamptothecinοO 25 nMoO δ» ζ" ε!|δΥ• θ" ζ §ζ 'HeO• ζ ε Αθ' η 'η ζ • ε "ζ• 1εE|ζ Colo 205εO η\$• η\$»ζ • η ©ε°• ιO δE-,ζ—• 2ε ©ε• £ζ • 10-HydroxycamptothecinοO 2.5-7.5 mg / kgοO ,θ ½ε ζ 'Υθ ζ ε Αθ Ωη η» θ η ι Ω.η» θ ε ι :Cells are exposed to various concentrations of 10-Hydroxycamptothecin for 72 hours. Cell growth is monitored by the standard MTT assay.(Only for Reference)δΩ'ε• ·ι θ•—:ε δ'Ι|DNA ζ• δO ε δΩ ε • ι• Αη 'H:Apoptosis|Topoisomerase

Note: This product is for in vitro research use only and is not intended for use in humans or animals.