

Product Name : Hydroxy Camptothecin

Synonyms : —

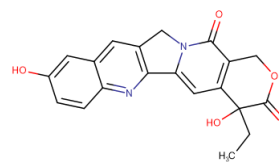
Cat No. : M15444

CAS Number : 64439-81-2

Molecular Formula : C₂₀H₁₆N₂O₅

Formula Weight : 364.35

Chemical Name : —



Description : An alkaloid isolated from the stem wood of the Chinese tree, *Camptotheca acuminata*. This compound selectively inhibits the nuclear enzyme DNA topoisomerase, type I. Several semisynthetic analogs of camptothecin have demonstrated antitumor activity.

Pathway : Cell Cycle/DNA Damage

Target : Topoisomerase

Receptor : Topo I

Solubility : Soluble in DMSO

SMILES : CCC1(C2=C(COC1=O)C(=O)N3CC4=C(C3=C2)N=C5C=CC(=CC5=C4)O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Zhang S, et al. anticancer Drugs. 2014 Jul;25(6):614-23.