

Irinotecan hydrochloride trihydrate

Catalog No: #S0486

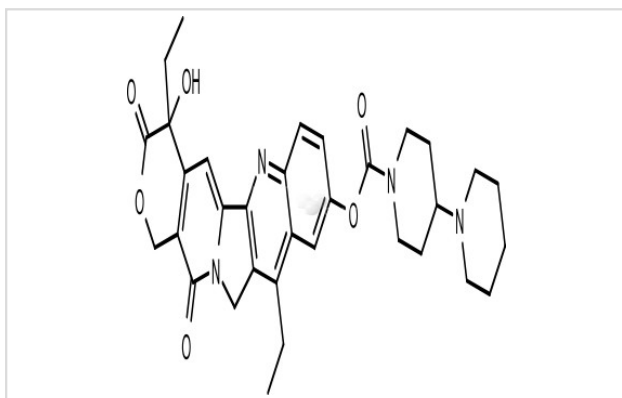
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Description

Product Name	Irinotecan hydrochloride trihydrate
Brief Description	Inhibitors
Purification	99.78%
Target Name	Topoisomerase inhibitor
Calculated MW	677.18
Formulation	C33H45ClN4O9
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: CCC1=C2C=C(C=CC2=NC3=C1CN4C3=CC5=C(C4=O)COC(=O)[C@@]5(CC)O)OC(=O)N6CCC(CC6)N7CCCCC7.O.O.O.Cl
 Pathways: DNA Damage/DNA Repair
 Receptor: Topo I
 Boiling pt: 873.4°C
 Melting pt: 250-256°C
 Solubility: Ethanol: 7 mg/mL (10.33 mM); Water: 1 mg/mL (1.47 mM); DMSO: 100 mg/mL (147.67 mM)
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Tsuruo T, et al. *Y ChemOthers Pharmacol.* 1988;21(1):71-4.

Note: This product is for in vitro research use only