

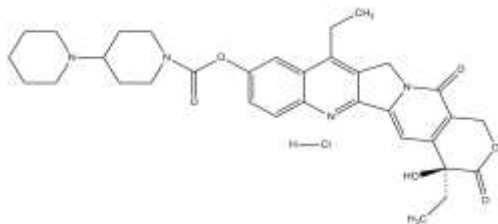
Irinotecan Hydrochloride

ALTERNATE NAME: (S)-4,11-diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo1*H*-pyrano[3',4':6,7]-indolizino[1,2-b]quinolin-9-yl-[1,4'bipiperidine]-1'-carboxylate, Hydrochloride

CATALOG #: 1752-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₃H₃₈N₄O₆ · HCl

MOLECULAR WEIGHT: 623.14

CAS NUMBER: 100286-90-6

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: An anticancer agent. This is a prodrug that is converted by tissue carboxylesterase to 7-ethyl-10-hydroxycamptothecin (SN-38), a potent inhibitor of DNA topoisomerase I.

REFERENCE: Mathijssen, R.H., et al. (2002). *Curr.Cancer Drug Targets* **2**, 103-123.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Bexarotene (Cat. No. 1575-5, 50)
- Camptothecin (Cat. No. 1039-50MG, 500MG)
- Capecitabine (Cat. No. 1741-100,1000)
- Carboplatin (Cat. No. 1553-100)
- Cisplatin (Cat. No. 1550-100, 1000)
- Daunorubicin, HCl (Cat. No. 1524-10, 50,5 00)
- Doxorubicin, HCl (Cat. No. 1527-5)
- Etoposide (Cat. No. 1043-25MG, 250MG)
- Nedaplatin (Cat. No. 1576-5)
- Oxaliplatin (Cat. No. 1577-25)
- Paclitaxel (Cat. No. 1567-25)
- Tamoxifen Citrate (Cat. No. 1551-1000)