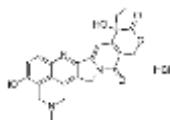


PRODUCT: Topotecan hydrochloride

ALTERNATE NAMES: 10-[(Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1*H*-pyrano[3',4':6,7]indolizino[1,2-*b*]quinoline-3,14(4*H*,12*H*)-dione hydrochloride

CATALOG NUMBER: B2050-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₃H₂₃N₃O₅·HCl

MOLECULAR WEIGHT: 457.91

CAS NUMBER: 119413-54-6

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>40 mg/ml) or H₂O (>40 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and moisture

DESCRIPTION: Topotecan is a semisynthetic derivative of Camptothecin (Cat.No.1039) that displays antineoplastic activity. DNA topoisomerase I inhibitor; induces rapid apoptotic death in human B-lineage acute lymphoblastic leukemia (ALL) cells. Improves survival in three mouse models of poor prognosis.

REFERENCES: Schellens, J.H., *et al.* (1996). *Br. J.Cancer* **73**, 1268-1271.

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

RELATED PRODUCTS:

Betulinic Acid (Cat. No. 1552-25)
 Bexarotene (Cat. No. 1575-5, 50)
 Camptothecin (Cat. No. 1039-1, 50MG, 500MG)
 10-Hydroxycamptothecin (Cat. No. B1995-50, 250)
 Capecitabine (Cat. No. 1741-100, 1000)
 Carboplatin (Cat. No. 1553-100)
 Cisplatin (Cat. No. 1550-100,1000)
 Colchicine (Cat. No. 1519-1000)
 Daunorubicin.HCl (1524-10,50,500)
 Docetaxel (Cat. No. 2232-10, 50)
 Doxorubicin HCl (Cat. No. 1527-5)
 (-)-Epigallocatechin gallate (Cat. No. 1841-50)
 Epothilone B (Cat. No. 2012-1, 5)
 Fludarabine Phosphate (Cat. No. 1763-10, 50)
 Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
 Genistein (Cat. No. 1533-10)
 Lasalocid Sodium (Cat. No. B1587-5,25)
 Ilimaquinone (Cat. No. 2038-100)
 Nedaplatin (Cat. No. 1576-5)
 Nocodazole (Cat. No. 2185-10, 50)
 Oxaliplatin (Cat. No. 1577-25)
 Piperlongumine (Cat. No. 1919-10, 50)
 Paclitaxel (Cat. No. 1567-25)
 Solamargine (Cat. No. B1586-5,25)
 Tamoxifen Citrate (Cat. No. 1551-1000)
 Vinorelbine Tartrate (Cat. No. 1957-5, 25)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**