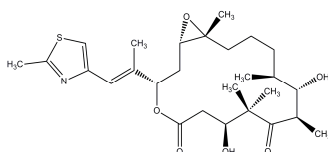


PRODUCT: Epothilone B**ALTERNATE NAME:** EPO-906; EpoB; Patupilone**CATALOG #:** 2012-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₇H₄₁NO₆S**MOLECULAR WEIGHT:** 507.68**CAS NUMBER:** 152044-54-7**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (40 mg/ml) or EtOH (40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from light.**DESCRIPTION:** A macrolide anticancer agent. Similar to paclitaxel (Cat. No. 1567-25), epothilone B induces microtubule polymerization and stabilizes microtubules against depolymerization conditions. In addition to promoting tubulin polymerization and stabilization of microtubules, this agent is cytotoxic for cells overexpressing P-glycoprotein, a characteristic that distinguishes it from the taxanes. Also induces G₂-M cell cycle arrest (EC₅₀ = 3 - 92 nM).**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)

Capecitabine (Cat. No. 1741-100, 1000)

Carboplatin (Cat. No. 1553-100)

Cisplatin (Cat. No. 1550-100,1000)

Daunorubicin.HCl (1524-10,50,500)

Doxorubicin HCl (Cat. No. 1527-5)

(-)-Epigallocatechin gallate (Cat. No. 1841-50)

Fludarabine Phosphate (Cat. No. 1763-10, 50)

Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)

Genistein (Cat. No. 1533-10)

Nedaplatin (Cat. No. 1576-5)

Nitric Oxide Colorimetric Assay Kit (Cat. No. K263-100)

Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-100)

Oxaliplatin (Cat. No. 1577-25)

Piperlongumine (Cat. No. 1919-10, 50)

Paclitaxel (Cat. No. 1567-25)

Tamoxifen Citrate (Cat. No. 1551-1000)

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