

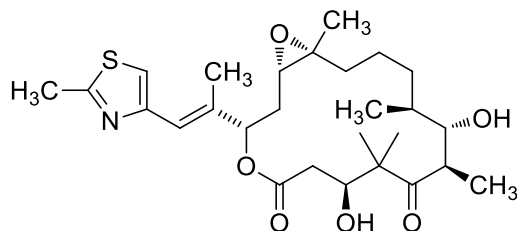
Catalog # 10-2133

Epothilone B

CAS# 152044-54-7

EPO-906; EpoBI, Patupilone

Lot # Z102652



Induces microtubule polymerization. Causes cell cycle arrest at the G2-M transition (EC₅₀ = 32 nM for HeLa cells). Induces apoptosis. Cell permeable.

- 1) Goodin *et al.* (2004), *Epothilones: mechanism of action and biologic activity*; J. Clin. Oncol., **22** 2015
- 2) Bollag *et al.* (1995), *Epothilones, a new class of microtubule-stabilizing agents with a taxol-like mechanism of action*; Cancer Res., **55** 2325

PHYSICAL DATA

Molecular Weight: 507.69

Molecular Formula: C₂₇H₄₁NO₆S

Purity: 99% by TLC

NMR: (Conforms)

Solubility: DMSO (up to 40 mg/ml), ethanol (up to 35 mg/ml)

Physical Description: White solid

Storage and Stability: Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

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