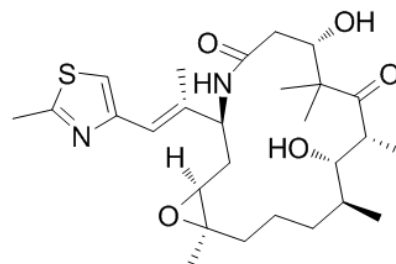


Product Name : Ixabepilone
Cat. No. : PC-42466
CAS No. : 219989-84-1
Molecular Formula : C₂₇H₄₂N₂O₅S
Molecular Weight : 506.6978
Target : Microtubule/Tubulin
Solubility : 10 mM in DMSO



Biological Activity

A semisynthetic Epothilone B analogue and potent, orally active microtubule stabilizer; shows a broad spectrum of activity against a panel of tumor cell lines in vitro (IC₅₀=1.4-34.5 nM), retains the antineoplastic activity against human cancers that are resistance to paclitaxel both in vitro and in vivo.

Breast Cancer
Approved

References

- Lee FY, et al. *Clin Cancer Res.* 2001 May;7(5):1429-37.
Yamaguchi H, et al. *Cancer Res.* 2002 Jan 15;62(2):466-71.
Peterson JK, et al. *Clin Cancer Res.* 2005 Oct 1;11(19 Pt 1):6950-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com