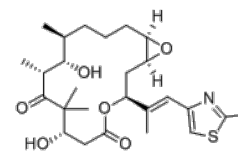


**Product Name** : Epothilone A  
**Cat. No.** : PC-20928  
**CAS No.** : 152044-53-6  
**Molecular Formula** : C<sub>26</sub>H<sub>39</sub>NO<sub>6</sub>S  
**Molecular Weight** : 493.66  
**Target** : Microtubule/Tubulin  
**Solubility** : 10 mM in DMSO



CAS: 152044-53-6

## Biological Activity

Epothilone A (Epo A) is a competitive inhibitor of the binding of [<sup>3</sup>H] paclitaxel to tubulin polymers with K<sub>i</sub> of 0.6-1.4 μM. Epothilone A (Epo A) shows highly cytotoxic effect (IC<sub>50</sub>=0.05 μM) in vitro of human T-24 bladder carcinoma cell line.

## References

Kowalski RJ, et al. J Biol Chem. 1997 Jan 24;272(4):2534-41.

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

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