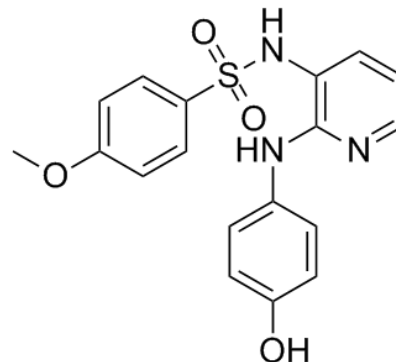


Product Name : ABT-751
Cat. No. : PC-43449
CAS No. : 141430-65-1
Molecular Formula : C₁₈H₁₇N₃O₄S
Molecular Weight : 371.41
Target : Microtubule/Tubulin
Solubility : DMSO: ≥ 48 mg/mL



Biological Activity

ABT-751 (E7010) is an orally active antimitotic agent that inhibits **tubulin** polymerization, exhibits consistent growth-inhibitory activities against a panel of human tumor cell lines (IC₅₀=0.06-0.8 ug/mL).
ABT-751 shows good antitumor activity against various rodent tumors and human tumor xenografts,

References

- Koyanagi N, et al. **Cancer Res.** 1994 Apr 1;54(7):1702-6.
Yoshimatsu K, et al. **Cancer Res.** 1997 Aug 1;57(15):3208-13.
Segreti JA, et al. **Cancer Chemother Pharmacol.** 2004 Sep;54(3):273-81.
Yoshimatsu K, et al. **Cancer Res.** 1997 Aug 1;57(15):3208-13.

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

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