

Cover Picture

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The cover picture shows a potent epothilone derivative with a schematized tubulin microtubule in the background. Epothilones exert their antitumor activity through the stabilization of microtubules by binding with tubulin; cell division stops if microtubules cannot disassemble properly. The structure shown here is the most potent epothilone reported to date. It is more potent than epothilone B in a wide range of cancer cell types, and shows excellent promise against taxol- and epothilone A-resistant cell lines. For more details, see the communication by K. C. Nicolaou et al. on p. 41 ff.

