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Colchicine-Site Binding Agent ABT-751

National Cancer Institute

Source

National Cancer Institute. *Colchicine-Site Binding Agent ABT-751*. NCI Thesaurus. Code C2679.

An orally bioavailable antimitotic sulfonamide. ABT- 751 binds to the colchicine-binding site on beta-tubulin and inhibits the polymerization of microtubules, thereby preventing tumor cell replication. This agent also disrupts tumor neovascularization, reducing tumor blood flow and so inducing a cytotoxic effect. (NCI04)