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Pibrozelesin Hydrobromide

National Cancer Institute

Source

National Cancer Institute. *Pibrozelesin Hydrobromide*. NCI Thesaurus. Code C73816.

The hydrobromide salt form of pibrozelesin, a semisynthetic water-soluble derivative of the antineoplastic antibiotic duocarmycin B2, with antineoplastic activity. Activated by carboxyl esterase, pibrozelesin alkylates DNA by binding to adenine-thymine (A-T)-rich sequences in the minor groove of DNA, thereby inhibiting DNA replication and inducing apoptosis.